



# NRI INSTITUTE OF TECHNOLOGY

NRIIT/1.5/P-01

## Faculty Self-Appraisal Form

Emp ID:

T 5047

### BIO-DATA OF TEACHING FACULTY

For the Period

From 11 06 2020 To 11 05 2021

#### SECTION - A

#### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	Dr .Ramesh Babu Vallabhaneni	Designation	Professor
D.O.B (dd/mm/yy)	27-02-1986	Department	E.C.E.
Date of Joining in NRIIT	20-05-2019	Area of Specialization	Image Processing

2) MOBILE NUMBER :9491727290

EMAIL ID :rameshbabu@nriit.edu.in

#### 3) QUALIFICATION (Degree/Diploma to highest Degree) :

Degree/Diploma	University	College	State	Class	Year of Passing
DECE	SBTET	A.A.N.M.&V.V.R.S.R. Polytechnic, Gudlavallera	Andhra Pradesh	First Class	2004
B.Tech	JNTU	Nova College of Engineering & Technology, Jangareddygudem, Westgodavari Dt	Andhra Pradesh	First Class	2007
M.Tech	JNTUK	Swarnandhra College Of Engineering & Technology, Narasapur, Westgodavari Dt	Andhra Pradesh	First Class	2011
Ph.D	K.L.E.F, Vadewarum	K.L.E.F, Vadewarum	Andhra Pradesh	NA	2019

#### 4) Rank/Prizes/Medals won at College / University during education/in service

Received Multitalented Faculty Award From V.K.R., V.N.B. & A.G.K. College of Engineering Gudivada for the Academic Year 2018-2019.

Received Jai Vupadyyaya Paraskar From La CHIGURUPATI VARA PRASAD Organized by Lions Club International:District316D:2017-2018.

Received Appreciation Award From V.K.R., V.N.B.&A.G.K. College of Engineering Gudivada for the Academic Year 2016-17.

Received Excellence Award in Academics from Prof.V.S.S.KUMAR Vice-Chancellor JNTUK for the Academic year 2015-16.

Received Best Paper Award for a Paper on "RRS Filter Based Architecture For Noise Elimination in Asynchronous Data Transmission" in CRAB 2011 Conference Conducted by Saveetha University Chennai During 17 Decemberto 18 December 2010.

5) Details of Additional Training / Faculty Improvement / Further Study undergone						
PERIOD		Nature of Programme	Institution	Remarks		
From	To					
4-1-2021	9-1-2021	FDP	NRIIT, Vijayawada	STIP		
26-04-2021	30-04-2021	FDP	VRSEC, Vijayawada	AICTE Margadarshan		
05-12-2020	05-12-2020	Seminar	VRSEC, Vijayawada	AICTE Margadarshan		
09-11-2020	14-11-2020	STIP	Raghu Institute of Technology, Vishakapatnam	AICTE-STIP		
14-08-2020	16-08-2020	FDP	VR Siddhartha Engineering College Vijayawada	AICTE Margadarshan		
13-07-2020	18-07-2020	FDP	GMRIT Rajam, Andhra Pradesh			
26-06-2020	26-06-2020	Webinar	AISSMS Institute of Information Technology-Pune			
22-06-2020	26-06-2020	FDP	Bharat Institute of Engineering & Technology, Hyderabad			
16-06-2020	20-06-2020	FDP	ANITS Visakapatnam			
15-06-2020	16-06-2020	Workshop	NRIIT, VIJAYAWADA			
10-06-2020	12-06-2020	FDP	NRIIT, VIJAYAWADA			
6) Total Experience : 12			Teaching at Outside: <u>8</u> (years)			
Teaching at NRIIT : 3 Yrs 0 Months			Industrial : _____ (years)			
Details: Teaching & Industrial Experience (outside NRIIT)						
Position held	Status		Duration		No. of years	Name of the University /Institute / Organisation
	Permanent	Temporary	From	To		
HOD & Assistant Professor	Permanent		20-05-2011	30-04-2019	8	V.K.R., V.N.B. & A.G.K. College of Engineering, Guduruda

**SECTION - B**

**CATEGORY-I : TEACHING LEARNING AND EVALUATION**

Sl. No.	Nature of Activity						Maximum Score	Self-Appraisal Score
1	Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)						20	20
	- Total number of lectures allocated				64			
	- Number of lectures taken				62			
Sl. No.	Course Code	Course Name	Year I/II/III/IV	Sem	Section	Branch		
1.	18A4104401	Micro Wave Engineering	IV	I	A	E.C.E		
2.	18A4104401	Micro Wave Engineering	IV	I	B	E.C.E		

2	Seminars, tutorials, practical, project hours, mini project hours, term paper hours, GD hours undertaken as percentage of those actual allocated (100% compliance = 20 points) - Hours allocated <input type="checkbox"/> - Hours taken <input type="checkbox"/>	20	20
3	Imparting competencies as per course Handout (100% compliance =10 points)	10	10
4	Proper Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10	10
5	Submission of Question papers (Mid term, Assignment, Lab Exams), display of Answer, Submission of Marks in time for internal/continuous assessment (100% compliance = 10 points)	10	10
6	Examination work such as Invigilation, Evaluation, Scrutiny, Flying Squad duties etc. (maximum 10 depending upon intensity of duty)	10	10
7	Use of Innovative teaching - learning methodologies; use of ICT; a) ICT Based Teaching material posting on e-learning site (4) b) Preparation and use of Power Point Presentation (3) c) Course Handout / content preparation & circulation (3)	10	10
8	Week Student hours taken/ Remedial classes taken / Bridge Course hrs taken (Each activity: 5 points for 10 hours and in proportion)	10	10
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Counseling modules developed and imparted – (1 mark for each student/case)	10	8
10	Student Feedback (% - Course-1 & Course-2 (100% feedback marks = 10 points in each course or section and in proportion )	20	18
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20	18
<b>Total for CATEGORY-I</b>		<b>150</b>	<b>144</b>
<b>CATEGORY- II :</b>			
<b>A) CO-CURRICULAR, EXTENSION ACTIVITIES</b>			
1	Contribution through Guest lectures, popular lectures, subject related events, articles in college magazine and university volumes, Judges Session chairs, etc. (5 points each) (	10	10
2	Institutional Co-curricular activities for students such as field studies/educational tours, IRP training and placement activity. (5 points each)	10	5
3	Community Service, Social Orientation and other Student Mentoring Activities through NSS/CEA/ other Governmental and non Governmental channels (Each activity 5 points )	10	5
4	No of Students and Staff related Socio-Cultural and Sports Programmes (intra/inter-departmental and inter-collegiate) organized / Coordinated. a) Intra departmental : (1 point each) b) Inter department : (2 points each) c) Inter college : (3 points each) d) Inter university : (5 points each)	5	5
5	No of Professional Ethics and campus Development Activities, and programmes in the TV/Radio Channels, Participation in Orientation programme (Each activity 1 point )	5	
<b>B) PROFESSIONAL CONTRIBUTION</b>			


1	Institutional Governance responsibilities (to be awarded each year) Principal / Dean / Director : 10 points each Chief Superintendent/Warden / Chairperson / IQAC coordinator : 10 points each Member of syndicate / Governing council : 10 points each Member of BoS/ Academic council / Senate : 5 points each Member of other college / university level committees : 5 point each	10	10
2	Membership in profession related committees at State/National/International level Symposia, Conferences, Workshops, etc. (only one time at the time of Joining/Renewal as Member) a) At International level: (10 points each) b) At National level: (5 points each) c) At State level: (3 points each)	10	
3	Participation in Technical Association meetings, Conferences, Seminars/workshops/symposium without paper presentation d) At International level: (5 points each) e) At National level: (3 points each) At State level: (2 points each)	5	10
4	Participation in short term training courses (one week duration or above) in educational technology, curriculum development, professional development, Examination reforms, Institutional governance (International :5 National : 4 State : 3 marks for each participation)	5	5
5	Editorial Committee Member of Journals / Institutional Publications. International :3 National : 4 State/College : 3 marks for each Journal/Publication of Academic nature)	5	5
			5

**C) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)**

1.	Involvement in Program design/ Curriculum design/ Academic Council Meeting(Only for members of Academic Council)	5	5
2.	Management of R&D/Consultancy	5	5
3.	Management of Student welfare/ Faculty affairs	5	2
4.	Involvement in Institution Administration/ Development Specify the position:	5	AICTE Margadarshan Coordinator 5
5.	Contribution as a member of the Central Committees of the Institution	5	5
6.	Management of Examinations (In-charge of examinations in the Department. (Invigilation is duty but not management hence no marks)	5	
7.	Management of Admissions/ Registrations/Quality(Director&Assoc Director Level only)	5	
8.	Involvement in International Relations/IRP(Director & Assoc Director Level only bringing MoU with international organization/University etc.)	5	
9.	Conducting as Director/Co-ordinator ) Seminar / Guest Lecture / Symposium / work shop etc.	5	
10.	Contribution to the Department as In charge of NBA Criteria-5 (Pl specify)	5	
	<b>Sub-total (C)</b>		5
	<b>TOTAL For CATEGORY- II(A+B+C) (40+35+25)</b>	<b>25 Max.</b>	<b>25</b>
		100	25+35+25=85

**CATEGORY – III :****RESEARCH AND ALLIED CONTRIBUTIONS (Proofs to be attached only for Assessment period)**

SLNo.	Nature of Activity	Score	Self-Appraisal Score
1)	<b>Research Publications (Journals)</b>		
	Number of articles in referred Journals with impact factor 1.0 and below 5.0	50/ publication	<b>30</b>
	Number of articles in referred Journals with impact factor 5.1 and below 10.0	50/ publication	<b>50</b>
	Number of articles in referred Journals with impact factor less than one	20/ publication	
	Number of articles in journals without any impact factors	10/ publication	
	Number of full papers in conference proceedings, etc. (Abstracts not to be included) having ISBN/ISSN numbers.	10/ publication	<b>10</b>
	<b>Single Author—100% weightage</b> <b>Two Authors—First Author-60% and Second Author-40% weightage</b> <b>Three Authors—First Author-50%,Second Author-30%,Third Author-20% weightage</b>		
2)	<b>Book Publications (books, in chapters in books, other than referred journal articles)</b>		
	a) Number of Text or reference Books Published by International Publishers with an established peer review system b)Number of chapters in edited books	50/sole author; 10 /chapter in an edited book	
	a) Number of Subjects Books by National level publishers /State and Central Govt. level with ISBN/ISSN numbers b)Number of chapters in edited books	25 / sole author, and 5/chapter in edited books	
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b>		
	a) Number of Major Projects amount mobilized with grants above 30.00 lakhs	20each Project	
	b) Number of Major Projects amount mobilized with grants above 5.0 lakhs up to 30.00 lakhs	15 each major project	
	c) Number of Minor Projects from central / state funding agencies with grants below Rs 5.00 lakhs	10 each minor project	
4)	<b>Consultancy Projects carried out / ongoing</b>		
	Amount mobilized Rs—————	10 per every mobilization	
5)	<b>Sponsored Projects</b>		
	a)Number of completed project Reports (Acceptance from funding agency) 20 /each major project and 10/ each minor project.	20/10 each	
	b)Number of Patent/Technology transfer / Product/ Process (Not applicable for submission) 30 each output or outcome for National patents, etc / 50 each for International patents etc.,	30/50 each	
6)	<b>Guidance (Maximum 50 only)</b>		
	a) <b>M.Phil</b>		<b>15</b>
	Degree awarded No.	15 / each candidate	
	b) Thesis submitted No.	10 / each candidate	

	<b>c) Ph.D</b>		
	Degree awarded No.	50 /each candidate	
	Thesis submitted No.	25 / each candidate	
	Guidance - No. of candidates (Maximum marks 30 only)	10/each candidate	
7)	<b>Training Programmes Conducted - as Convenor/ Co-Convenor/ Organizer)</b>		
	a)Research Methodology course (not less than three weeks) / Workshops of not less than one week duration No.	20 /each event	
	b)International conference / Seminar / Symposia No.	20 /each event	
	c)National conference / Seminar / Symposia No.	10 /each event	
	d) State level / university / college level seminar / conference / symposia No.	5 / each	
8)	<b>Paper Presentation - Papers in Conferences / Seminars / workshops etc.*</b>		
	Participation and Presentation of research papers (oral/poster) in		
	a)International / Foreign conference etc., No.	10 each	
	b)National No.	10 each	
	c)Regional / State level No.	5 each	
	d) Local - University / College level No.	3 each	
9)	<b>Invitations for conferences/seminars/ workshops/ symposia to deliver lectures / and/or chair sessions</b>		
	a. Number of International / Foreign Conference etc., No.	15 /each	30
	b. National No.	10/ each	
	c. State Level/Regional No.	5 / each	
	d. University/College level lectures No.	5 /each	
10)	<b>Awards - Honors/ Recognitions</b>		
	a.Awards by Foreign universities / Accredited International Bodies No.	50 /each	
	b. National: by UGC, CSIR, DST & other Government bodies and professional Academies like Bhamagar Award etc.,	50 /each	
	c. State/university level.	20 /each	
	d. Regional / local	10 /each	
11)	<b>Fellowship Titles</b>		
	a)Foreign Universities No.	25 /each	
	b)Indian Science & other Academies like Fellow of Indian National Science Academy, FNASC, FIE, FIEEE, FISTE etc., No.	10 /each	
	c)Discipline specific National level Associations	5 /each	
12)	<b>Post- Doctoral Degrees</b>		
	D.Sc /PDF	50	
	<b>Total For CATEGORY- III (Max)</b>	<b>250</b>	<b>135</b>
			
			Signature of Faculty

**CATEGORY – IV :**  
**HOD ASSESSMENT**

Sl.No.	Description of Parameters	Max Marks	Marks allotted
1)	Punctuality	10	9
2)	Willingness to take up additional work	10	9
3)	Relationship with students/ Peers/ other stakeholders	5	5
4)	Work adjustment on leave	5	5
5)	Sincerity in Project based lab conduction	5	5
6)	Sincerity in guiding Projects	5	5
7)	Satisfactory Academic Audit Report	5	5
8)	Contribution to Orientation Lecture	5	5
<b>Total for CATEGORY- IV</b>		<b>50</b>	
<b>GRAND TOTAL :</b> Category ( I + II + III + IV ) ( 150 + 100 +250+50 )		<b>550</b>	<b>144+85+135+</b> <b>45 = 409</b>

DESIGNATION	MAX. SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

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Signature of the HOD



# NRI INSTITUTE OF TECHNOLOGY

NRIIT/1.5/F-01

## Faculty Self-Appraisal Form

Emp ID: TSO217

### BIO-DATA OF TEACHING FACULTY

For the Period

From 01 06 20 To 31 05 21

#### SECTION - A

##### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	DR.K.PRATHYUSHA	Designation	ASSOCIATE PROFESSOR
D.O.B (dd/mm/yy)	03-12-88	Department	ECE
Date of Joining in NRIIT	25-06-2012	Area of Specialization	EMBEDDED SYSTEMS

2) MOBILE NUMBER :9866582296

EMAIL ID :prathyusha@nriit.edu.in

##### 3) QUALIFICATION (Degree/Diploma to highest Degree) :

Degree/Diploma	University	College	State	Class	Year of Passing
B.Tech	Affiliated to JNTUK	Nimra College Of Engineering & Technology	A.P	SECOND	2010
M.Tech	K. L. University	K. L. University	A.P	FIRST WITH DISTINCTION	2012
Ph.D	K. L. University	K. L. University	A.P		2019

##### 4) Rank/Prizes/Medals won at College / University during education/in service

Received Forever Star India Awards (FSLA) for The Real Super Woman 2020 for Teaching &amp; Research.

Received Dr. A.P.J. Abdul Kalam Life Time Achievement National Award for Teaching, Research &amp; publications.

Received Best Teacher Award by Knowledge Society for Research Innovations.

Judge for Young Engineer Innovation Award -2020. On occasion of Engineers Day.

##### 5) Details of Additional Training / Faculty Improvement / Further Study undergone

PERIOD		Nature of Programme	Institution	Remarks
From	To			

##### 6) Total Experience :

Teaching at NRIIT :—10—Yrs—0—Months

Teaching at Outside: \_\_\_\_\_ (years)

Industrial : \_\_\_\_\_ (years)

##### Details: Teaching & Industrial Experience (outside NRIIT)

Position held	Status		Duration		No. of years	Name of the University /Institute / Organisation
	Permanent	Temporary	From	To		
ASSOCIATE PROFESSOR	Permanent		August 2019	Till date	1.9	NRIIT
ASSISTANT PROFESSOR	Permanent		May 2012	August 2019	8.1	NRIIT



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**SECTION - B**

**CATEGORY-I : TEACHING LEARNING AND EVALUATION**

Sl. No.	Nature of Activity	Maximum Score	Self-Appraisal Score																												
1	<p>Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)</p> <p>- Total number of lectures allocated <input type="text"/></p> <p>- Number of lectures taken <input type="text"/></p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Course Code</th> <th>Course Name</th> <th>Year I/II/III/IV</th> <th>Sem</th> <th>Section</th> <th>Branch</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td>Digital Communications</td> <td>III</td> <td>I</td> <td>B</td> <td>ECE</td> </tr> <tr> <td>2.</td> <td></td> <td>Internet of Things - A Hands-on Approach</td> <td>II</td> <td>I</td> <td>A</td> <td>IT</td> </tr> <tr> <td></td> <td></td> <td>Mobile Cellular Telecommunications</td> <td>III</td> <td>II</td> <td>B</td> <td>ECE</td> </tr> </tbody> </table>	Sl. No.	Course Code	Course Name	Year I/II/III/IV	Sem	Section	Branch	1.		Digital Communications	III	I	B	ECE	2.		Internet of Things - A Hands-on Approach	II	I	A	IT			Mobile Cellular Telecommunications	III	II	B	ECE	20	20
Sl. No.	Course Code	Course Name	Year I/II/III/IV	Sem	Section	Branch																									
1.		Digital Communications	III	I	B	ECE																									
2.		Internet of Things - A Hands-on Approach	II	I	A	IT																									
		Mobile Cellular Telecommunications	III	II	B	ECE																									
2	<p>Seminars, tutorials, practical, project hours, mini project hours, term paper hours, GD hours undertaken as percentage of those actual allocated (100% compliance = 20 points)</p> <p>- Hours allocated 65</p> <p>- Hours taken 65</p>	20	20																												
3	Imparting competencies as per course Handout (100% compliance =10 points)	10	10																												
4	Proper Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10	10																												
5	Submission of Question papers (Mid term, Assignment, Lab Exams), display of Answer, Submission of Marks in time for internal/continuous assessment (100% compliance = 10 points)	10	10																												
6	Examination work such as Invigilation, Evaluation, Scrutiny, Flying Squad duties etc. (maximum 10 depending upon intensity of duty)	10	10																												
7	Use of Innovative teaching - learning methodologies; use of ICT; a) ICT Based Teaching material posting on e-learning site (4) b) Preparation and use of Power Point Presentation. (3) c) Course Handout / content preparation & circulation(3)	10	10																												
8	Week Student hours taken/ Remedial classes taken / Bridge Course hrs taken (Each activity: 5 points for 10 hours and in proportion)	10	10																												
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Counseling modules developed and imparted – (1 mark for each student/case)	10	10																												

10	Student Feedback (% - Course-1 & Course-2 (100% feedback marks = 10 points in each course or section and in proportion )	20	15
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20	15
<b>Total for CATEGORY-I</b>		<b>150</b>	<b>140</b>

### **CATEGORY- II :**

#### **A) CO-CURRICULAR, EXTENSION ACTIVITIES**

1	Contribution through Guest lectures, popular lectures, subject related events, articles in college magazine and university volumes, Judges-Session chairs, etc. (5 points each) (	10	5
2	Institutional Co-curricular activities for students such as field studies/educational tours, IRP training and placement activity. (5 points each)	10	
3	Community Service, Social Orientation and other Student Mentoring Activities through NSS/CEA/ other Governmental and non Governmental channels (Each activity 5 points )	10	
4	No of Students and Staff related Socio-Cultural and Sports Programmes (intra/inter-departmental and inter-collegiate) organised / Coordinated, a) Intra departmental : (1 point each) b) Inter department : (2 points each) c) Inter college : (3 points each) d) Inter university : (5 points each)	5	
5	No of Professional Ethics and campus Development Activities, and programmes in the TV/Radio Channels, Participation in Orientation programme (Each activity 1 point )	5	

#### **B) PROFESSIONAL CONTRIBUTION**

1	Institutional Governance responsibilities (to be awarded each year) Principal / Dean / Director : 10 points each Chief Superintendent/Warden / Chairperson / IQAC coordinator : 10 points each Member of syndicate / Governing council : 10 points each Member of BoS/ Academic council / Senate : 5 points each Member of other college / university level committees : 5 point each	10	
2	Membership in profession related committees at State/ National/International level Symposiums, Conferences, Workshops, etc. (only one time at the time of joining/Renewal as Member) a) At International level: (10 points each) b) At National level: (5 points each) c) At State level: (3 points each)	10	3
3	Participation in Technical Association meetings, Conferences, Seminars/workshops/symposium without paper presentation d) At International level: (5 points each) e) At National level: (3 points each) At State level: (2 points each)	5	
4	Participation in short term training courses (one week duration or above) in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	5	5

	(International :5 National : 4 State : 3 marks for each participation)		
5	Editorial Committee Member of Journals / Institutional Publications. International :5 National : 4 State/College : 3 marks for each Journal/Publication of Academic nature)	5	5

**C) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)**

1.	Involvement in Program design/ Curriculum design/ Academic Council Meeting(Only for members of Academic Council)	5	5
2.	Management of R&D/Consultancy	5	5
3.	Management of Student welfare/ Faculty affairs	5	2
4.	Involvement in Institution Administration/ Development Specify the position:	5	
5.	Contribution as a member of the Central Committees of the Institution	5	
6.	Management of Examinations (In-charge of examinations in the Department. (Invigilation is duty but not management hence no marks)	5	
7.	Management of Admissions/ Registrations/Quality(Director&Assoc Director Level only)	5	
8.	Involvement in International Relations/IRP(Director & Assoc Director Level only bringing MoU with international organization/University etc.)	5	
9.	Conducting as Director/Co-ordinator ) Seminar / Guest Lecture / Symposium / work shop etc.	5	3
10.	Contribution to the Department as In charge of __ M.tech Coordinator (PI specify)	5	5
	<b>Sub-total (C)</b>	<b>25 Max.</b>	<b>20</b>
	<b>TOTAL For CATEGORY- II (A+B+C) (40+25+25)</b>	<b>100</b>	<b>40</b>

**CATEGORY – III :**

**RESEARCH AND ALLIED CONTRIBUTIONS (Proofs to be attached only for Assessment period)**

Sl.No.	Nature of Activity	Score	Self-Appraisal Score
1)	<b>Research Publications (Journals)</b>		
	Number of articles in referred Journals with impact factor 1.0 and below 5.0	30/ publication	120
	Number of articles in referred Journals with impact factor 5.1 and below 10.0	50/ publication	
	Number of articles in referred Journals with impact factor less than one	20/ publication	
	Number of articles in journals without any impact factors	10/ publication	
	Number of full papers in conference proceedings, etc. (Abstracts not to be included) having ISBN/ISSN numbers.	10/ publication	
	<b>Single Author—100% weightage Two Authors—First Author-60% and Second Author-40% weightage Three Authors—First Author-50%,Second Author-30%,Third Author-20% weightage</b>		
2)	<b>Book Publications (books, in chapters in books, other than referred journal articles)</b>		
	a) Number of Text or reference Books Published by International Publishers with an established peer review system b)Number of chapters in edited books	50/sole author; 10 /chapter in an edited book	10
	a) Number of Subjects Books by National level publishers /State and	25 / sole	

	Central Govt. level with ISBN/ISSN numbers b) Number of chapters in edited books	author, and 5/chapter in edited books	
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b>		
	a) Number of Major Projects amount mobilized with grants above 30.00 lakhs	20/each Project	
	b) Number of Major Projects amount mobilized with grants above 5.0 lakhs up to 30.00 lakhs	15 each major project	
	c) Number of Minor Projects from central / state funding agencies with grants below Rs.5.00 lakhs	10 each minor project	
4)	<b>Consultancy Projects carried out / ongoing</b>		
	Amount mobilized Rs-----	10 per every mobilization	
5)	<b>Sponsored Projects</b>		
	a) Number of completed project Reports (Acceptance from funding agency) 20 /each major project and 10/ each minor project	20/10 each	
	b) Number of Patent/Technology transfer / Product/ Process (Not applicable for submission) 30 each output or outcome for National patents, etc / 50 each for International patents etc.,	30/50 each	
6)	<b>Guidance (Maximum 50 only)</b>		
	a) M.Phil		
	b) Degree awarded No.	15 / each candidate	
	c) Thesis submitted No.	10 / each candidate	
	d) Ph.D		
	Degree awarded No.	50 /each candidate	
	Thesis submitted No.	25 / each candidate	
	Guidance - No. of candidates (Maximum marks 30 only)	10/each candidate	
7)	<b>Training Programmes Conducted - as Convener/ Co-Convener/ Organizer)</b>		
	a) Research Methodology course (not less than three weeks) / Workshops of not less than one week duration No.	20 /each event	
	b) International conference / Seminar / Symposia No.	20 /each event	
	c) National conference / Seminar / Symposia No.	10 /each event	
	d) State level / university / college level seminar / conference / symposia No.	5 / each	
8)	<b>Paper Presentation - Papers in Conferences / Seminars / workshops etc.*</b>		
	Participation and Presentation of research papers (oral/poster) in		
	a) International / Foreign conference etc., No.	10 each	30
	b) National No.	10 each	
	c) Regional / State level No.	5 each	

	d) Local - University / College level No.	3 each	
9)	<b>Invitations for conferences/seminars/ workshops/ symposia to deliver lectures / and/or chair sessions</b>		
	a. Number of International / Foreign Conference etc., No.	15 /each	30
	b. National No.	10/ each	
	c. State Level/Regional No.	5 / each	
	d. University/College level lectures No.	5 /each	

10)	<b>Awards - Honors/ Recognitions</b>		
	a. Awards by Foreign universities / Accredited International Bodies No.	50 /each	
	b. National: by UGC, CSIR, DST & other Government bodies and professional Academies like Bhatnagar Award etc.,	50 /each	
	c. State/university level.	20 /each	
	d. Regional / local	10 /each	
11)	<b>Fellowship Titles</b>		
	a) Foreign Universities No.	25 /each	
	b) Indian Science & other Academies like Fellow of Indian National Science Academy, FNASC, FIE, FIEEE, FISTE etc., No.	10 /each	
	c) Discipline specific National level Associations	5 /each	
12)	<b>Post- Doctoral Degrees</b>		
	D.Sc /PDF	50	
	<b>Total For CATEGORY- III (Max)</b>	<b>250</b>	

190  
K. Parshad  
Signature of Faculty

**CATEGORY - IV :**  
**HOD ASSESSMENT**

Sl.No.	Description of Parameters	Max Marks	Marks allotted
1)	Punctuality	10	8
2)	Willingness to take up additional work	10	9
3)	Relationship with students/ Peers/ other stakeholders	5	4
4)	Work adjustment on leave	5	4
5)	Sincerity in Project based lab conduction	5	4
6)	Sincerity in guiding Projects	5	5
7)	Satisfactory Academic Audit Report	5	5
8)	Contribution to Orientation Lecture	5	4
	<b>Total for CATEGORY- IV</b>	<b>50</b>	
	<b>GRAND TOTAL :</b> Category ( I + II + III + IV ) ( 150 + 100 + 250 + 50 )	<b>550</b>	140 + 40 + 190 + 43 = 413

DESIGNATION	MAX SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

Y. Appilakonda  
Signature of the HOD



# NRI INSTITUTE OF TECHNOLOGY

NRIIT/1.5/F-01

## Faculty Self-Appraisal Form

Emp ID: **T90250**

### BIO-DATA OF TEACHING FACULTY

For the Period

From **06 2020** To **08 2021**

#### SECTION - A

1) GENERAL INFORMATION OF THE FACULTY						
Name of the Faculty	<b>SAMMANGI RAMYAKA</b>		Designation	<b>Assistant Professor</b>		
D.O.B (dd/mm/yy)	<b>20-09-1991</b>		Department	<b>EEE</b>		
Date of Joining in NRIIT	<b>13-06-2016</b>		Area of Specialization	<b>Power Electronics &amp; Drives</b>		
2) MOBILE NUMBER : <b>7207393026</b>						
EMAIL ID : <b>samyaka.sammangi@gmail.com</b>						
3) QUALIFICATION (Degree/Diploma to highest Degree) :						
Degree/Diploma	University	College	State	Class	Year of Passing	
<b>10<sup>th</sup></b>	<b>State Board</b>	<b>Raja Ram Mohan Bp</b>	<b>AP</b>	<b>Techn with Distinction</b>	<b>2007</b>	
<b>Intermediate</b>	<b>State Board</b>	<b>Griechanthanya</b>	<b>AP</b>	<b>Techn with Distinction</b>	<b>2009</b>	
<b>B.Tech</b>	<b>JNTUK</b>	<b>VITW</b>	<b>AP</b>	<b>Techn with Distinction</b>	<b>2013</b>	
<b>M.Tech</b>	<b>JNTUK</b>	<b>NRIIT</b>	<b>AP</b>	<b>Techn with Distinction</b>	<b>2016</b>	
4) Rank/Prizes/Medals won at College / University during education/in service						
<b>Won Many Prizes in Education and sports at school and College level</b>						
5) Details of Additional Training / Faculty Improvement / Further Study undergone						
PERIOD		Nature of Programme	Institution	Remarks		
From	To					
6) Total Experience :			Teaching at Outside: _____ (years)			
Teaching at NRIIT : <b>05</b> Yrs _____ Months			Industrial : _____ (years)			
Details: Teaching & Industrial Experience (outside NRIIT)						
Position held	Status		Duration		No. of years	Name of the University / Institute / Organisation
	Permanent	Temporary	From	To		

## SECTION - B

**CATEGORY-I : TEACHING LEARNING AND EVALUATION**

Sl. No.	Nature of Activity	Maximum Score	Self-Appraisal Score																					
1	<p>Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)</p> <p>- Total number of lectures allocated <input type="checkbox"/></p> <p>- Number of lectures taken <input type="checkbox"/></p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Course Code</th> <th>Course Name</th> <th>Year I/II/III/IV</th> <th>Sem</th> <th>Section</th> <th>Branch</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td>BEE PS-I</td> <td>I II</td> <td>II II</td> <td>A A</td> <td>ECE EEE</td> </tr> <tr> <td>2.</td> <td></td> <td>VEEE DC/ST</td> <td>III IV</td> <td>I II</td> <td>A A</td> <td>EEE- EEE</td> </tr> </tbody> </table>	Sl. No.	Course Code	Course Name	Year I/II/III/IV	Sem	Section	Branch	1.		BEE PS-I	I II	II II	A A	ECE EEE	2.		VEEE DC/ST	III IV	I II	A A	EEE- EEE	20	20
Sl. No.	Course Code	Course Name	Year I/II/III/IV	Sem	Section	Branch																		
1.		BEE PS-I	I II	II II	A A	ECE EEE																		
2.		VEEE DC/ST	III IV	I II	A A	EEE- EEE																		
2	<p>Seminars, tutorials, practical, project hours, mini project hours, term paper hours, GD hours undertaken as percentage of those actual allocated (100% compliance = 20 points)</p> <p>- Hours allocated <input type="checkbox"/></p> <p>- Hours taken <input type="checkbox"/></p>	20	19																					
3	Imparting competencies as per course Handout (100% compliance = 10 points)	10	10																					
4	Proper Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10	10																					
5	Submission of Question papers (Mid term, Assignment, Lab Exams), display of Answer, Submission of Marks in time for internal/continuous assessment (100% compliance = 10 points)	10	10																					
6	Examination work such as Invigilation, Evaluation, Scrutiny, Flying Squad duties etc. (maximum 10 depending upon intensity of duty)	10	10																					
7	<p>Use of Innovative teaching - learning methodologies; use of ICT;</p> <p>a) ICT Based Teaching material posting on e-learning site (4)</p> <p>b) Preparation and use of Power Point Presentation (3)</p> <p>c) Course Handout / content preparation &amp; circulation (3)</p>	10	10																					
8	Week Student hours taken/ Remedial classes taken / Bridge Course hrs taken (Each activity: 5 points for 10 hours and in proportion)	10	10																					
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Counseling modules developed and imparted – (1 mark for each student/case)	10	10																					
10	Student Feedback (% - Course-1 & Course-2 (100% feedback marks = 10 points in each course or section and in proportion )	20	18																					
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20	19																					
	<b>Total for CATEGORY-I</b>	<b>150</b>	<b>146</b>																					

**CATEGORY- II :****A) CO-CURRICULAR, EXTENSION ACTIVITIES**

1	Contribution through Guest lectures, popular lectures, subject related events, articles in college magazine and university volumes, Judges Session chairs, etc. (5 points each)	10	8
2	Institutional Co-curricular activities for students such as field studies/educational tours, IRP training and placement activity. (5 points each)	10	5
3	Community Service, Social Orientation and other Student Mentoring Activities through NSS/CLA/ other Governmental and non Governmental channels (Each activity 5 points)	10	10
4	No of Students and Staff related Socio-Cultural and Sports Programmes (intra/inter-departmental and inter-collegiate) organized / Coordinated. a) Intra departmental : (1 point each) b) Inter department : (2 points each) c) Inter college : (3 points each) d) Inter university : (5 points each)	5	5
5	No of Professional Ethics and campus Development Activities, and programmes in the TV/Radio Channels, Participation in Orientation programme (Each activity 1 point)	5	2

**B) PROFESSIONAL CONTRIBUTION**

1	Institutional Governance responsibilities (to be awarded each year) Principal / Dean / Director : 10 points each Chief Superintendent/Warden / Chairperson / IQAC coordinator : 10 points each Member of syndicate / Governing council : 10 points each Member of BoS/ Academic council / Senate : 5 points each Member of other college / university level committees : 5 point each	10	5
2	Membership in profession related committees at State/ National/International level Symposiums, Conferences, Workshops, etc. (only one time at the time of joining/Renewal as Member) a) At International level: (10 points each) b) At National level: (5 points each) c) At State level: (3 points each)	10	5
3	Participation in Technical Association meetings, Conferences, Seminars/workshops/symposium without paper presentation a) At International level: (5 points each) b) At National level: (3 points each) At State level: (2 points each)	5	5
4	Participation in short term training courses (one week duration or above) in educational technology, curriculum development, professional development, Examination reforms, Institutional governance (International :5 National : 4 State : 3 marks for each participation)	5	5
5	Editorial Committee Member of Journals / Institutional Publications, International :5 National : 4 State/College : 3 marks for each Journal/Publication of Academic nature)	5	—



**C) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)**

1.	Involvement in Program design/ Curriculum design/ Academic Council Meeting(Only for members of Academic Council)	5	-
2.	Management of R&D/Consultancy	5	-
3.	Management of Student welfare/ Faculty affairs	5	5
4.	Involvement in Institution Administration/ Development Specify the position:	5	-
5.	Contribution as a member of the Central Committees of the Institution	5	5
6.	Management of Examinations (In-charge of examinations in the Department. (Invigilation is duty but not management hence no marks)	5	5
7.	Management of Admissions/ Registrations/Quality(Director&Assoc Director Level only)	5	5
8.	Involvement in International Relations-IRP(Director & Assoc Director Level only bringing MoU with international organization/University etc.)	5	-
9.	Conducting as Director/Co-ordinator ) Seminar / Guest Lecture / Symposium / work shop etc.	5	-
10.	Contribution to the Department as In charge of <u>iso</u> (Pl specify)	5	5
	Sub-total (C)	25 Max.	-
	<b>TOTAL For CATEGORY- II (A+B+C) (40+15+25)</b>	100	75

**CATEGORY – III :**

**RESEARCH AND ALLIED CONTRIBUTIONS (Proofs to be attached only for Assessment period)**

Sl.No.	Nature of Activity	Score	Self-Appraisal Score
1)	<b>Research Publications (Journals)</b>		
	Number of articles in referred Journals with impact factor 1.0 and below 5.0	30/ publication	-
	Number of articles in referred Journals with impact factor 5.1 and below 10.0	50/ publication	-
	Number of articles in referred Journals with impact factor less than one.	20/ publication	40
	Number of articles in journals without any impact factors	10/ publication	-
	Number of full papers in conference proceedings, etc. (Abstracts not to be included) having ISBN/ISSN numbers.	10/ publication	-
	Single Author—100% weightage Two Authors—First Author-60% and Second Author-40% weightage Three Authors—First Author-50%, Second Author-30%, Third Author-20% weightage		
2)	<b>Book Publications (books, in chapters in books, other than referred journal articles)</b>		
	a) Number of Text or reference Books Published by International Publishers with an established peer review system b)Number of chapters in edited books.	50/sole author; 10 /chapter in an edited book	-
	a) Number of Subjects Books by National level publishers /State and Central Govt. level with ISBN/ISSN numbers b)Number of chapters in edited books	25 / sole author, and 5/chapter in edited books	-
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b>		
	a) Number of Major Projects amount mobilized with grants above 30.00 lakhs	20/each	-

		Project	
	b) Number of Major Projects amount mobilized with grants above 5.0 lakhs up to 30.00 lakhs	15 each major project	—
	c) Number of Minor Projects from central / state funding agencies with grants below Rs.5.00 lakhs	10 each minor project	—
4)	<b>Consultancy Projects carried out / ongoing</b>		
	Amount mobilized Rs.-----	10 per every mobilization	—
5)	<b>Sponsored Projects</b>		
	a) Number of completed project Reports (Acceptance from funding agency) 20 /each major project and 10/ each minor project	20/10 each	—
	b) Number of Patent/Technology transfer / Product/ Process (Not applicable for submission) 30 each output or outcome for National patents, etc / 50 each for International patents etc.,	30/50 each	—
6)	<b>Guidance (Maximum 50 only)</b>		
	a) <b>M.Phil</b>		
	Degree awarded No.	15 / each candidate	—
	b) Thesis submitted No.	10 / each candidate	
	c) <b>Ph.D</b>		
	Degree awarded No.	50 /each candidate	—
	Thesis submitted No.	25 / each candidate	—
	Guidance – No. of candidates (Maximum marks 30 only)	10/each candidate	—
7)	<b>Training Programmes Conducted - as Convener/ Co-Convener/ Organizer</b>		
	a) Research Methodology course (not less than three weeks) / Workshops of not less than one week duration No.	20 /each event	—
	b) International conference / Seminar / Symposia No.	20 /each event	20
	c) National conference / Seminar / Symposia No.	10 /each event	—
	d) State level / university / college level seminar / conference / symposia No.	5 / each	2x5 = 10
8)	<b>Paper Presentation - Papers in Conferences / Seminars / workshops etc.*</b>		
	Participation and Presentation of research papers (oral/poster) in		
	a) International / Foreign conference etc., No.	10 each	—
	b) National No.	10 each	—
	c) Regional / State level No.	5 each	—
	d) Local - University / College level No.	3 each	—
9)	<b>Invitations for conferences/seminars/ workshops/ symposia to deliver lectures / and/or chair sessions</b>		
	a. Number of International / Foreign Conference etc., No.	15 /each	—
	b. National No.	10/ each	—

	c. State Level/Regional No.	5 / each	—
	d. University/College level lectures No.	5 /each	—


10)	<b>Awards - Honors/ Recognitions</b>		
	a. Awards by Foreign universities / Accredited International Bodies No.	50 /each	—
	b. National: by UGC, CSIR, DST & other Government bodies and professional Academies like Bhatnagar Award etc.,	50 /each	—
	c. State/university level.	20 /each	—
	d. Regional / local	10 /each	—
11)	<b>Fellowship Titles</b>		
	a) Foreign Universities No.	25 /each	—
	b) Indian Science & other Academies like Fellow of Indian National Science Academy, FNASC, FIE, FIEEE, FISTE etc., No.	10 /each	—
	c) Discipline specific National level Associations	5 /each	—
12)	<b>Post- Doctoral Degrees</b>		
	D.Sc /PDF	50	—
	<b>Total For CATEGORY- III (Max)</b>	<b>250</b>	<b>70</b>

Signature of Faculty

**CATEGORY – IV :**  
**HOD ASSESSMENT**

Sl.No.	Description of Parameters	Max Marks	Marks allotted
1)	Punctuality	10	10
2)	Willingness to take up additional work	10	10
3)	Relationship with students/ Peers/ other stakeholders	5	5
4)	Work adjustment on leave	5	5
5)	Sincerity in Project based lab conduction	5	5
6)	Sincerity in guiding Projects	5	5
7)	Satisfactory Academic Audit Report	5	4
8)	Contribution to Orientation Lecture	5	4
	<b>Total for CATEGORY- IV</b>	<b>50</b>	<b>48</b>
	<b>GRAND TOTAL :</b> Category ( I + II + III + IV ) ( 150 + 100 +250+50 )	<b>550</b>	<b>339</b>

DESIGNATION	MAX SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

  
Signature of the HOD  
Head of the Department,  
Electrical & Electronics Engineering,  
NRI Institute of Technology



# NRI INSTITUTE OF TECHNOLOGY

NRIT/1.5/F-01

## Faculty Self-Appraisal Form

Emp ID: TS208

### BIO-DATA OF TEACHING FACULTY

For the Period From 21/06/2022 To 28/08/2022

#### SECTION - A

#### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	B. Celikondala	Designation	Asst. Prof.
D.O.B (dd/mm/yy)	01/11/1972	Department	EEE
Date of joining in NRIT	25/06/2015	Area of Specialization	Power Electronics & Electrical Drives

2) MOBILE NUMBER : 8498858164  
 EMAIL ID : sevenhu@gmail.com

#### 3) QUALIFICATION (Degree/Diploma to highest Degree) :

Degree/Diploma	University	College	State	Class	Year of Passing
SSC	AP Board	SREEM High School	A.P	10th class	2007
DIPLOMA	AP Board	Venkatarami Reddy College	A.P	"	2009
B.Tech	SATUK	SEEF	A.P	"	2013
M.Tech	SATUK	VCTU	A.P	"	2016

#### 4) Rank/Prizes/Medals won at College / University during education/in service

Best Staff Teaching Award during 14 Aug 2020-21/1

#### 5) Details of Additional Training / Faculty Improvement / Further Study undergone

PERIOD		Nature of Programme	Institution	Remarks
From	To			

6) Total Experience : Teaching at NRIT 6 Yrs 3 Months      Teaching at Outside: \_\_\_\_\_ (years)  
 Industrial : \_\_\_\_\_ (years)

#### Details: Teaching & Industrial Experience (outside NRIT)

Position held	Status		Duration		No. of years	Name of the University /Institute / Organisation
	Permanent	Temporary	From	To		
Asst Prof	Permanent	"	25/06/2015	21/08/2022	6	NRIT

## SECTION - B

**CATEGORY-1 : TEACHING LEARNING AND EVALUATION**

Sl. No.	Nature of Activity	Maximum Score	Self-Appraisal Score																					
1	Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)  - Total number of lectures allocated <input checked="" type="checkbox"/> - Number of lectures taken <input checked="" type="checkbox"/>  <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Course Code</th> <th>Course Name</th> <th>Year (I/II/III/IV)</th> <th>Sem</th> <th>Section</th> <th>Branch</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>T-13</td> <td>20</td> <td>5</td> <td>A</td> <td>EE</td> </tr> <tr> <td>2</td> <td></td> <td>D-5-1</td> <td>12</td> <td>II</td> <td>A</td> <td>EEG</td> </tr> </tbody> </table>	Sl. No.	Course Code	Course Name	Year (I/II/III/IV)	Sem	Section	Branch	1		T-13	20	5	A	EE	2		D-5-1	12	II	A	EEG	20	20
Sl. No.	Course Code	Course Name	Year (I/II/III/IV)	Sem	Section	Branch																		
1		T-13	20	5	A	EE																		
2		D-5-1	12	II	A	EEG																		
2	Seminars, tutorials, practical, project hours, mini project hours, term paper hours, GD hours undertaken as percentage of those actual allocated (100% compliance = 20 points)  - Hours allocated <input type="checkbox"/> - Hours taken <input type="checkbox"/>	20	20																					
3	Imparting competencies as per course Handout (100% compliance = 10 points)	10	10																					
4	Proper Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10	10																					
5	Submission of Question papers (Mid term, Assignment, Lab Exams), display of Answer, Submission of Marks in time for internal/continuous assessment (100% compliance = 10 points)	10	10																					
6	Examination work such as Invigilation, Evaluation, Scrutiny, Flying Squad duties etc. (maximum 10 depending upon intensity of duty)	10	10																					
7	Use of Innovative teaching - learning methodologies; use of ICT; a) ICT Based Teaching material posting on e-learning site (4) b) Preparation and use of Power Point Presentation (3) c) Course Handout / content preparation & circulation(3)	10	10																					
8	Week Student hours taken/ Remedial classes taken / Bridge Course hrs taken (Each activity: 5 points for 10 hours and in proportion)	10	10																					
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Counseling modules developed and imparted – (1 mark for each student/case)	10	10																					
10	Student Feedback (% - Course-1 & Course-2 (100% feedback marks = 10 points in each course or section and in proportion)	20	20																					
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20	20																					
	<b>Total for CATEGORY-1</b>	<b>150</b>	<b>150</b>																					

<b>CATEGORY- II :</b>			
<b>A) CO-CURRICULAR, EXTENSION ACTIVITIES</b>			
1	Contribution through Guest lectures, popular lectures, subject related events, articles in college magazine and university volumes, Judges-Session chairs, etc. (5 points each)	10	10
2	Institutional Co-curricular activities for students such as field studies/educational tours, IRP training and placement activity. (5 points each)	10	10
3	Community Service, Social Orientation and other Student Mentoring Activities through NSS/CEA/ other Governmental and non Governmental channels (Each activity 5 points)	10	10
4	No of Students and Staff related Socio-Cultural and Sports Programmes (intra/inter-departmental and inter-collegiate) organized / Coordinated. a) Intra departmental : (1 point each) b) Inter department : (2 points each) c) Inter college : (3 points each) d) Inter university : (5 points each)	5	3
5	No of Professional Ethics and campus Development Activities, and programmes in the TV/Radio Channels, Participation in Orientation programme (Each activity 1 point)	5	1
<b>B) PROFESSIONAL CONTRIBUTION</b>			
1	Institutional Governance responsibilities (to be awarded each year) Principal / Dean / Director : 10 points each Chief Superintendent/Warden / Chairperson / IQAC coordinator : 10 points each Member of syndicate / Governing council : 10 points each Member of BoS/ Academic council / Senate : 5 points each Member of other college / university level committees : 5 point each	10	1
2	Membership in profession related committees at State/ National/International level Symposia, Conferences, Workshops, etc. (only one time at the time of Joining/Renewal as Member) a) At International level: (10 points each) b) At National level: (5 points each) c) At State level: (3 points each)	10	2
3	Participation in Technical Association meetings, Conferences, Seminars/workshops/symposium without paper presentation a) At International level: (5 points each) b) At National level: (3 points each) At State level: (2 points each)	5	5
4	Participation in short term training courses (one week duration or above) in educational technology, curriculum development, professional development, Examination reforms, Institutional governance (International : 5 National : 4 State : 3 marks for each participation)	5	5
5	Editorial Committee Member of Journals / Institutional Publications. International : 5 National : 4 State/College : 3 marks for each Journal/Publication of Academic nature)	5	1

**C) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)**

1.	Involvement in Program design/ Curriculum design/ Academic Council Meeting(Only for members of Academic Council)	5	5
2.	Management of R&D/Consultancy	5	5
3.	Management of Student welfare/ Faculty affairs	5	5
4.	Involvement in Institution Administration/ Development Specify the position:	5	5
5.	Contribution as a member of the Central Committees of the Institution	5	5
6.	Management of Examinations (In-charge of examinations in the Department. (Invigilation is duty but not management hence no marks)	5	5
7.	Management of Admissions/ Registrations/Quality(Director&Assoc Director Level only)	5	5
8.	Involvement in International Relations/IRP(Director & Assoc Director Level only bringing MoU with international organization/University etc.)	5	5
9.	Conducting as Director/Co-ordinator ) Seminar / Guest Lecture / Symposium / work shop etc.	5	5
10.	Contribution to the Department as In charge of <u>attached PI &amp; members</u> (specify)	5	5
	<b>Sub-total (C)</b>	<b>25 Max.</b>	
	<b>TOTAL For CATEGORY- II (A+B+C) (40+35+25)</b>	<b>100</b>	<b>72</b>

**CATEGORY - III :**
**RESEARCH AND ALLIED CONTRIBUTIONS (Proofs to be attached only for Assessment period)**

SLNo.	Nature of Activity	Score	Self-Appraisal Score
1)	<b>Research Publications (Journals)</b>		
	Number of articles in referred Journals with impact factor 1.0 and below 5.0	50/ publication	5
	Number of articles in referred Journals with impact factor 5.1 and below 10.0	50/ publication	5
	Number of articles in referred Journals with impact factor less than one	20/ publication	2=40
	Number of articles in journals without any impact factors	10/ publication	5
	Number of full papers in conference proceedings, etc. (Abstracts not to be included) having ISBN/ISSN numbers.	10/ publication	5
	<b>Single Author---100% weightage Two Authors-First Author-60% and Second Author-40% weightage Three Authors-First Author-50%,Second Author-30%,Third Author-20% weightage</b>		
2)	<b>Book Publications (books, in chapters in books, other than referred journal articles)</b>		
	a) Number of Text or reference Books Published by International Publishers with an established peer review system b)Number of chapters in edited books	50/sole author, 10 /chapter in an edited book	5
	a) Number of Subjects Books by National level publishers /State and Central Govt. level with ISBN/ISSN numbers b)Number of chapters in edited books	25 / sole author, and 5/chapter in edited books	5
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b>		
	a) Number of Major Projects amount mobilized with grants above 30.00 lakhs	20each	5

		Project	
	b) Number of Major Projects amount mobilized with grants above 5.0 lakhs up to 30.00 lakhs	15 each major project	✓
	c) Number of Minor Projects from central / state funding agencies with grants below Rs.5.00 lakhs	10 each minor project	✓
4)	Consultancy Projects carried out / ongoing		
	Amount mobilized Rs-----	10 per every mobilization	✓
5)	<b>Sponsored Projects</b>		
	a) Number of completed project Reports (Acceptance from funding agency) 20 /each major project and 10/ each minor project	20/10 each	✓
	b) Number of Patents/Technology transfer / Product/ Process (Not applicable for submission) 30 each output or consume for National patents, etc / 50 each for International patents etc.,	30/50 each	✓
6)	<b>Guidance (Maximum 50 only)</b>		
	a) M.Phil		
	Degree awarded No.	15 / each candidate	✓
	b) Thesis submitted No.	10 / each candidate	
	c) Ph.D		
	Degree awarded No.	50 /each candidate	✓
	Thesis submitted No.	25 / each candidate	✓
	Guidance -- No. of candidates (Maximum marks 30 only)	10/each candidate	✓
7)	<b>Training Programmes Conducted - as Convener/ Co-Convener/ Organizer)</b>		
	a) Research Methodology course (not less than three weeks) / Workshops of not less than one week duration No.	20 /each event	✓
	b) International conference / Seminar / Symposia No.	20 /each event	1 = 20
	c) National conference / Seminar / Symposia No.	10 /each event	
	d) State level / university / college level seminar / conference / symposia No.	5 / each	2 = 10
8)	<b>Paper Presentation - Papers in Conferences / Seminars / workshops etc.*</b>		
	Participation and Presentation of research papers (oral/poster) in		
	a) International / Foreign conference etc., No.	10 each	✓
	b) National No.	10 each	✓
	c) Regional / State level No.	5 each	✓
	d) Local - University / College level No.	3 each	✓
9)	<b>Invitations for conferences/seminars/ workshops/ symposia to deliver lectures / and/or chair sessions</b>		
	a. Number of International / Foreign Conference etc., No.	15 /each	✓
	b. National No.	10/ each	✓



	c. State Level/Regional No.	5 / each	—
	d. University/College level lectures No.	5 /each	—

10)	<b>Awards - Honors/ Recognitions</b>		—
	a. Awards by Foreign universities / Accredited International Bodies No.	50 /each	—
	b. National: by UGC, CSIR, DST & other Government bodies and professional Academies like Bhatnagar Award etc.,	50 /each	—
	c. State/university level.	20 /each	—
	d. Regional / local	10 /each	—
11)	<b>Fellowship Titles</b>		
	a) Foreign Universities No.	25 /each	—
	b) Indian Science & other Academies like Fellow of Indian National Science Academy, FNASC, FIE, FIEEE, FISTE etc., No.	10 /each	—
	c) Discipline specific National level Associations	5 /each	—
12)	<b>Post- Doctoral Degrees</b>		
	D.Sc /PDF	50	
	<b>Total For CATEGORY- III (Max)</b>	<b>250</b>	<b>70</b>

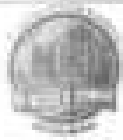
*[Signature]*  
Signature of Faculty

**CATEGORY – IV :**  
**HOD ASSESSMENT**

Sl.No.	Description of Parameters	Max Marks	Marks allotted
1)	Punctuality	10	10
2)	Willingness to take up additional work	10	10
3)	Relationship with students/ Peers/ other stakeholders	5	5
4)	Work adjustment on leave	5	5
5)	Sincerity in Project based lab conduction	5	5
6)	Sincerity in guiding Projects	5	5
7)	Satisfactory Academic Audit Report	5	5
8)	Contribution to Orientation Lecture	5	5
	<b>Total for CATEGORY- IV</b>	<b>50</b>	<b>49</b>
	<b>GRAND TOTAL :</b> Category ( I + II + III + IV ) ( 150 + 100 +250+50 )	<b>550</b>	<b>341</b>

DESIGNATION	MAX SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

*[Signature]*  
Signature of the HOD  
Head of the Department  
**Electrical & Electronics Engineering**  
**NRI Institute of Technology**



# NRI INSTITUTE OF TECHNOLOGY

NRIT/1.5/P-01

## Faculty Self-Appraisal Form

Emp ID: TS0056

### BIO-DATA OF TEACHING FACULTY

For the Period

From	To	From	To	From	To	From	To
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#### SECTION - A

#### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	Koundali Chaya Sri	Designation	Associate Professor
EXCIS (Column No)	0708-1077	Department	CSE
Date of Joining in NRIT	03/10/2008	Area of Specialization	
2) MOBILE NUMBER : 9490965207			
E-MAIL-ID : koundal@nriit.edu.in			

#### 2) QUALIFICATION (Degree/Diploma to highest Degree):

Degree/Diploma	University	College	State	Class	Year of Passing
M.Tech	JNTUKE	Nava College of Engineering for Women	Andhra Pradesh	Distt Class with Distinction	2015
M.Sc(IT)	ANURUP-	ANURUP	Andhra Pradesh	Distt Class	2010
M.B.A (Business)	Dr. BRAGO	Dr. BRAGO	Andhra Pradesh	Second Class	2004

#### 3) Awards/Prest/Medals won at College / University during education/in service

The Real Super Woman-2020 Academic Skills

Best Woman Researcher Award

Nari Samman Award-2021

#### 5) Details of Additional Training / Faculty Improvement / Further Study undergone

PERIOD		Nature of Programme	Institution	Benefit
From	To			
04-05-2020	02-06-2020	OFDP	Dr. MUR BRILLIANT	Imaging technologies
11-06-2020	14-06-2020	OFDP	NRIT	Designing
08-06-2020	11-06-2020	OFDP	SWACHYD DR. MURKAI	AIIF
17-06-2020	25-06-2020	OFDP	ANU	TEACHING METHODS
04-07-2020	08-07-2020	OLYMPIAD	ACT	STATISTICAL TECHNIQUES
29-06-2020	09-07-2020	OFDP	JJ, CAUTATEL RODRIGUEZ	MLCV
07-06-2020	26-06-2020	OFDP	RLDRI	DATA SUBJECT

6) Total Experience :

Teaching at NRIT : 13 Yrs

Teaching at Outside (3 years)

Industrial : 4 years)

Details: Teaching & Industrial Experience (outside NITIT):						
Position held	Institution		Duration		No. of years	Name of the University/Institute/ Organisation
	Period	Company	From	To		
Professor	Permanent		20-12-2006	31-03-2016	5	UJ Sikkim College of Arts & Science
Professor	Permanent		01-01-1996	31-11-1999	4	VITV & VTR Degree College

### SECTION - B

#### CATEGORY-B: TEACHING, LEARNING AND EVALUATION

Sl.No.	Nature of Activity	Maximum Score	Self-Appraised Score																																			
1	<p>Lectures taken as percentage of lectures allocated per semester (100% compliance = 10 points for each semester)</p> <ul style="list-style-type: none"> <li>- Total number of lectures allocated : 60</li> <li>- Number of lectures taken : 60</li> </ul> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Course Code</th> <th>Course Name</th> <th>Year (U/G/P)</th> <th>Sem</th> <th>Section</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>DS</td> <td>III</td> <td>I</td> <td>C</td> <td>CSL</td> </tr> <tr> <td>2</td> <td></td> <td>DS LAB</td> <td>II</td> <td>I</td> <td>C</td> <td>CSL</td> </tr> <tr> <td>3</td> <td></td> <td>CPP</td> <td>IV</td> <td>II</td> <td>A</td> <td>CSE</td> </tr> <tr> <td>4</td> <td></td> <td>CPP</td> <td>IV</td> <td>II</td> <td>B</td> <td>CSE</td> </tr> </tbody> </table>	Sl. No.	Course Code	Course Name	Year (U/G/P)	Sem	Section	Grade	1		DS	III	I	C	CSL	2		DS LAB	II	I	C	CSL	3		CPP	IV	II	A	CSE	4		CPP	IV	II	B	CSE	20	20
Sl. No.	Course Code	Course Name	Year (U/G/P)	Sem	Section	Grade																																
1		DS	III	I	C	CSL																																
2		DS LAB	II	I	C	CSL																																
3		CPP	IV	II	A	CSE																																
4		CPP	IV	II	B	CSE																																
2	<p>Seminars, tutorials, projects, group work, mini project hours, term paper hours, GD hours undertaken as percentage of those actually allotted (100% compliance = 20 points)</p> <ul style="list-style-type: none"> <li>- Hours allocated : 45</li> <li>- Hours taken : 48</li> </ul>	20	20																																			
3	Imparting computer literacy per term w/ Handbook (100% compliance = 10 points)	10	10																																			
4	Propr. Question paper setting and in time evaluation of answers/scripts (100% compliance = 10 points)	10	10																																			
5	Submission of Question papers (Mid term, Assignment, Test Exams), display of Answer, Submission of Marks in time for internal-continuous assessment (100% compliance = 10 points)	10	10																																			
6	Examination work such as Invigilation, Evaluation, Scrutiny, Flying/external exam. etc. (maximum 10 depending upon intensity of duty)	10	10																																			
7	<p>Use of Innovative teaching - learning methodologies; use of ICT;</p> <p>a) ICT Based Teaching material posted on e-learning sites</p> <p>b) Preparation and use of Power Point Presentation(s)</p> <p>c) Course Handout / content preparation &amp; circularization(s)</p>	10	10																																			
8	Work St. Sem. hours taken / Remedial classes taken / Bridge Course hrs taken (Each activity: 5 points for 10 hours and 10 proportion)	10	10																																			
9			10																																			

	Student Feedback Monitoring and reporting to parents/PTA groups and student Counseling modules developed and implemented (max. in each study course)	10	
III	Student Feedback Pre-Course & Course-5000% feedback tracks = 10 points in each course or section and in population.)	20	20
II	Student Feedback- Course 1 & Course 2-100% Pass = 10 points in each course or section and in population.)	20	20
	<b>Total for CATEGORY-I</b>	<b>150</b>	<b>150</b>
<b>CATEGORY-II:</b>			
<b>A) CO-CURRICULAR, EXTENSION ACTIVITIES</b>			
1	Contributions through Guest lectures, popular lectures, conferences, cultural events, articles in college magazines and community publications, blogs, Session chairs, etc. (5 points each)	10	5
2	Institutional Co-curricular activities for students, such as field studies, internships, RPL training and placement activities. (5 points each)	10	10
3	Community Services, Social Orientation and other Student Mentoring Activities through NSS/CLW/other Governmental and non-Governmental channels (each activity 5 points)	10	5
4	No. of students and Staff who have participated and spent (Dropping or doing) inter-departmental and inter-collegiate) organized (Points based: a) Intra-departmental: (1 point each) b) Inter-departmental: (2 points each) c) Inter-collegiate: (3 points each) d) In community: (5 points each)	5	5
5	No. of Professional Ethics and campus Development Activities and programmes in the Deekata Channel Participation in Orientation programmes (Each activity 1 point)	5	
<b>B) PROFESSIONAL CONTRIBUTION</b>			
1	Institutional Governance responsibilities (to be awarded for 1 year) Principal / Dean / Director: 10 points each Chief Superintendent/Varan / Chairperson / IQAC coordinator: 10 points each Member of Syllabus / Governing Council: 10 points each Member of IQAC / Academic Council / Senate: 5 points each Member of other college / university level committees: 5 points each	10	10
2	Membership in professional related committees at State/ National/ International level. Symposia, Conferences, Workshops, etc. only must be at the time of award/ referral as Member a) At International level: (10 points each) b) At National level: (5 points each) c) At State level: (3 points each)	10	10
3	Participation in Technical/Association meetings, Conferences, Seminars/Workshops/symposia with a paper presentation a) At International level: (5 points each) Conf / Webinar, etc. b) At National level: (3 points each) Webinar/Workshop/	5	5

	At State level (7 marks)		
4	Participation in short term training courses (one week duration or above) in educational technology, curriculum development, professional development, Extension etc. (Institutional system is (International : 2 National : 1 State : 3 marks for each participative workshop)	5	5
5	Editorial Committee Member of Journals/Exposition/ Publications International : 5 National : 4 : 3 marks for each Journal/Publication of Academic nature (JIEA/3-1)	5	5

**4) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)**

1.	Involvement in Program design/ Curriculum design/ Academic Council Member (Only for members of Academic Council)	5	
2.	Management of R&D/Consultancy	5	
3.	Management of Student welfare/ Faculty affairs	5	
4.	Involvement in Institution Administration/ Development/ Society the position.	5	5
5.	Contribution as a member of the External Committees of the Institution	5	5
6.	Management of Examinations (In charge of examiners in the Department. (regulation is duty but no management/leave to take)	5	5
7.	Management of Admissions/ Reg. & related (Quality Director & Assoc Director Level only)	5	
8.	Involvement in International Relations/ IOP (Director & Assoc Director Level only bringing Mail with International organization/Visitors by etc.)	5	
9.	Cooperating as Director/Coordinator/ Seminar/ Guest Lecture/ Symposium / workshop etc.	5	
10.	Contribution in the Department as In charge of IQAC AND ACADEMIC COORDINATOR	5	
	<b>Sub-total (C)</b>	<b>25 Max.</b>	<b>15</b>
	<b>TOTAL for CATEGORY- II (A+B+C) (41-45-25)</b>	<b>100</b>	<b>80</b>

**CATEGORY III :**

**RESEARCH AND AFFIRED CONTRIBUTIONS (Proofs to be attached only for Assessment period)**

Sl. No.	Nature of Activity	Score	Weightage
1)	<b>Research Publications (Journal)</b>		Score
	Number of articles referred as Journals with impact factor 1.0 and below 5.0	50 publication	
	Number of articles referred as Journals with impact factor 5.1 and below 10.0	50 publication	80
	Number of articles referred as Journals with impact factor below 10.0	20 publication	40
	Number of articles of journals without any impact factor	10 publication	
	Number of full papers in conference proceedings, etc. (Abstracts not to be included) having ISAN/ISSN numbers.	10 publication	10
	<b>Single Author—100% weightage</b> <b>Two Authors—First Author-60% and Second Author-40% weightage</b> <b>Three Authors—First Author-50% Second Author-30%, Third Author-20% weightage</b>		
2)	<b>Book Publications (books, In chapters in books, other than referred journal articles)</b>		
	a) Number of Text or reference Books Published by International Publishers with an established peer review system	50 each	
	b) Number of chapters in edited books	10 chapter	

		in an edited book	
	d) Number of Subjects Books by National level practitioners (State and Central Govt. level with ISBN/ISSN numbers) - number of chapters in edited books	25 / each author, one chapter in edited books	
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b>		
	a) Number of Major Projects - amount mobilized with grants above 50.00 lakhs	20 each Project	
	b) Number of Major Projects amount mobilized with grants above 5.0 lakhs up to 50.00 lakhs	10 each major project	
	c) Number of Major Projects from central / state funding agencies with grants below Rs. 5.00 lakhs	10 each major project	
4)	<b>Consultancy Projects carried out / ongoing</b>		
	Amount mobilized Rs. -----	10 per every application	
5)	<b>Sponsored Projects</b>		
	a) Number of completed project Reports / Acceptance from funding agency: 20 each major project and 10 each minor project	20 / 10 each	
	b) Number of Patent Technology transfer / Product Processes (Not applicable for submission) 30 each central mechanism / 4 functional patents, etc / 50 each for international patents etc.,	30 / 50 each	
6)	<b>Guidance (Maximum 50 only)</b>		
	a) M.Phil Degree awarded No.	15 / each candidate	
	b) Thesis submitted No.	10 / each candidate	
	c) Ph.D Degree awarded No.	50 each candidate	
	Thesis awarded No.	25 / each candidate	
	Guidance - No. of candidates (Maximum marks 30 only)	10 each candidate	
7)	<b>Training Programmes Conducted</b> - as Co-convenor / Co-Convenor / Organizer		
	a) Research Methodology courses (not less than three months) / Workshops of not less than one week duration No.	20 each event	
	b) National conference / Seminar / Symposia No.	20 each event	
	c) National conference / Seminar / Symposia No.	10 each event	
	d) State level / University / college level seminar / conference / symposia No.	5 / each	
8)	<b>Paper Presentation - Papers in Conferences / Seminars / workshops etc.<sup>6</sup></b>		
	Participants and Presenters of all research papers (oral/poster) in		
	a) International / foreign conference etc., No.	10 each	
	b) National No.	10 each	
	c) Regional / State level No.	5 each	
	d) Local - University / College level No.	5 each	

9)	Invitations for conferences/seminars/workshops/symposia to deliver lectures / and/or chair sessions		
	A. Number of Invitations / Foreign Conference etc., Etc	15 each	
	B. National No.	10 each	10
10)	C. State Level Regional No.	5 each	
	D. University/College level Seminars No.	5 each	
III)	Awards - Honors/ Recognitions		
	A. Awards by Foreign universities / Academi of International Bodies No.	50 each	50
	B. National by DUGC, CSIR, DST & other Government Bodies and professional Academies like Bhatnagar Award etc.,	50 each	
	C. State/University level.	20 each	
	D. Regional Level	10 each	
IV)	Fellowship Titles		
1)	A. Foreign Universities No.	20 each	
2)	B. Indian Science & other Academies like Fellow of Indian National Science Academy, INASAC, TIC, FIFE, FISTF etc., No.	10 each	10
3)	C. Discipline specific National level Associations	5 each	
12)	Post Doctoral Degrees		
1)	D. No. PDD	50	
	<b>Total For CATEGORY- III (M-a)</b>	<b>250</b>	<b>500</b>

  
Signature of the Authority

#### CATEGORY - IV :

#### HOD ASSESSMENT

Sr No.	Description of Parameters	Max Marks	Marks allotted
1)	Productivity	10	
2)	Willingness to take up additional work	10	
3)	Relationship with students/ Parents/ other stakeholders	5	
4)	Work adjustment on leave	5	
5)	Timeliness in Project based lab construction	5	
6)	Sincerity in guiding Projects	5	
7)	Reliability Academic Asset Report	5	
8)	Contribution to Orientation Lecture.	5	
	<b>Total for CATEGORY- IV</b>	<b>50</b>	
	<b>GRAND TOTAL :</b> <b>Category ( I + II + III + IV) ( 150 + 100 +250+50 )</b>	<b>550</b>	

DESIGNATION	MAX SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

Signature of the HOD

## GUIDE LINES AND INSTRUCTIONS

**PROPOSED SCHEMES FOR ACADEMIC PERFORMANCE INDICATORS (APIs) IN RECRUITMENT AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY / COLLEGE TEACHERS.**

### CATEGORY I: TEACHING, LEARNING AND EVALUATION

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities, (b) domain knowledge, (c) participation in examination and evaluation, (d) contribution in innovative teaching, new courses etc. The minimum API score required by teachers from this category is 90. The self-assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

S.No.	Nature of Activity	Max. Score
1	Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)	20
2	Seminars, tutorials, practical, project hours, mini project hours, term paper hours, GD hours undertaken as percentage of those actual allocated (100% compliance = 20 points)	20
3	Imparting competencies as per course Handout (100% compliance = 10 points)	10
4	Proper Question paper setting, and on time evaluation of answer script - (100% compliance = 10 points)	10
5	Submission of Question papers (Mid term, Assignment, Lab Exam), display of Answer, Submission of Marks in time for inter-departmental assessment (100% compliance = 10 points)	10
6	Examination work such as Invigilation, Evaluation, Scrutiny, Flying Squad duties etc. (Maximum 10 depending upon intensity of duty)	10
7	Use of Innovative teaching - learning methodologies; use of ICT	10
8	Work Shopped hours taken/ Remedial classes taken/ Bridge Course hrs taken (Each activity = 5 points for 10 hours and in proportion)	10
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Counseling modules developed and reported (1 mark for each student/case)	0
10	Student Feedback (%) - Course 1 & Course 2 (100% feedback marks = 10 points in each course or section and in proportion)	20
11	Student Pass % - Course 1 & Course 2 (100% Pass = 10 points in each course or section and in proportion)	20
	<b>Total for CATEGORY-I</b>	<b>150</b>
	<b>Minimum API score required</b>	<b>90</b>



**CATEGORY-II: CO-CURRICULAR, EXTENSION ACTIVITIES,  
PROFESSIONAL CONTRIBUTION AND CONTRIBUTION TO INSTITUTION**

**Brief Explanation:** Based on the teacher's self-assessment, category II API scores are prepared. Co-curricular, extension activities, professional contribution and contribution to institution. The minimum API required by teachers for eligibility for promotion is 30. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities are broad enough for the minimum API score required (30) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively laid out criteria and will be finalized by the screening/selection committee. The model table below gives groups of activities and API scores.

S.NO	Nature of Activity	Max Score
A	Co-Curricular, Extension Activities	40
B	Professional Contribution	35
C	Contribution To Institution	25
	Total For Category- II (A+B+C) (40+35+ 25 )	100

**CATEGORY-III: RESEARCH AND ALLIED CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are prepared for research and allied contributions. The minimum API score required by teachers from this category is different for different levels of promotion. The self assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee. The maximum score for category III is 250.



# NRI INSTITUTE OF TECHNOLOGY

NRIT/L5/F-01

## Faculty Self-Appraisal Form

Emp ID:

TECHNICAL

### BRIEF DATA OF TEACHING FACILITY

Faculty Name:

From : To :

### SECTION - A

#### 1) GENERAL INFORMATION OF THE FACILITY

Name of the Faculty	M.V. PUNASALLESWARA Rao	Designation	ASSOCIATE PROFESSOR
D.O.B (Date / Year)	23/06/1956	Department	CSE
Expert Training In NRIT	13-5-2014	Area of Specialization	CSE
2) MOBILE NUMBER : 8019876899, 7382745152			
E-MAIL ID : mello.amo9@gmail.com			

#### 3) QUALIFICATION (Degree/Diploma to highest Degree):

Degree/Diploma	University	College	Gr.	Class	Year of Passing
B.Tech	JNTU	SET	AP	FIRST CLASS	2008
M.Tech	JNTU	SET	AP	FIRST CLASS WITH DISTINCTION	2012

4) Rank/Prize/Medals won at College/University during educational service

Received Certificate of Appreciation for serving good feedback in DWSMS, Jntu

5) Details of Additional Training : Faculty Improvement - Further Study undergone

PERIOD		Name of Program	Institution	Remarks
From	To			
05-7-2020	20-7-2020	DEEP LEARNING & ITS APPLICATIONS. THEORY TO PRACTICAL	Soft Institute of Technology and Training	GOOD
10-8-2020	06-9-2020	Internet of Things & Artificial Intelligence Applications	KL UNIVERSITY	GOOD
01-7-2020	11-7-2020	Machine Learning	Adeseed's Institute of Technology	GOOD
11-5-2020	14-6-2020	Deep Learning Concepts And Applications	NRIT	GOOD
18-4-2020	29-6-2020	Artificial Intelligence with	NRIT	GOOD

24-6-2020	13-6-2020	Public Block Chain Technologies	Vit. Vellore Engineering College	GOGD
26-6-2020	26-6-2020	5. Digital IS	Andhra Loyala Institute of Engineering and Technology	GOGD
13-6-2020	15-6-2020	Research Methodologies and Technical Writing	NRIT	GOGD

6) Total Experience : Teaching at NRIT : 4 Yrs 6 Months Teaching at Outside : 8 (years)  
Industrial : Nil. (years)

Details: Teaching & Industrial Experience (outside NRIT)

Position held	Status		Duration		No. of years	Name of the University/Institute/Organization
	Permanent	Temporary	From	To		
Assistant Professor in Dept. of IT		✓	2018	2020	2	Vit. Institute of Technology & Engineering
Assistant Professor & HOD Dept. of E.		✓	2012	2013	1	Sasi Institute of Technology & Engineering
Assistant Professor in Dept. of CSE		✓	2015	2016	2	Andhra Loyala Institute of Engineering And Technology
Associate Professor in Dept. of CSE		✓	2016	PEEL DALL	5 YEARS 6 MONTHS	NDI Institute of Technology

## SECTION - B

### CATEGORY-I : TEACHING, LEARNING AND EVALUATION

Sl. No.	Nature of Activity	Maximum Score	Self-Appraised Score			
1	Lectures taken as percentage of lectures allocated as per schedule (100% compliance – 10 points for each course/semester)  Theory Subject - Total number of lectures allocated : 60 Number of lectures taken : 60  Laboratory Total number of lectures allocated : 36 - Number of lectures taken : 36	20	20			
Sl. No.	Course Code	Course Name	Year / Sem / Sec	Section	Term	
1.		ITW 201	III	I	C	CSE
2.		CS	III	I	B	CSE
3.		EN LAB	III	I	B	CSE
4.		PPSC	I	I	B	ECE
5.		PPSL LAB	I	I	B	ECE

	6.	25	II	E	CSE			
	7.	05 & 10 * 25	II	E	CSE			
2	Seminars, Integral- practical, project hours, mini project hours, term paper hours, GD hours undertaken separately; govt. thesis related to local level (100% compliance = 20 points) Hours allocated : 60 = Hours taken : 70					20	20	
3	Imparting competencies to per course/Block of (100% compliance = 10 points)					10	10	
4	Topic-Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)					10	10	
5	Submission of Question paper - (Mid term, Assignment, End Exam), display of Answer, Submission of Marks in time for internal/terminal assessment (100% compliance = 10 points)					10	10	
6	Examining work such as the guidance, Evaluation, Scrutiny, Filing, Issue duties etc (maximum 10 depending upon density of duty)					10	10	
7	Use of innovative teaching - learning methodology: use of ICT; a) ICT Based Teaching material preparation - e-learning site etc b) Preparation and use of Power Point Presentation (5) c) Group Discussion etc (e.g. preparation & circulation)					10	10	
8	Work Student hours in extra-curricular classes taken / Degree Course hrs taken (2002 average 5 points for 10' course hrs in per semester)					10	10	
9	Student Performance Monitoring and reporting to parents/In-charge and Section Counseling modules developed and improved (1 mark for each student-teacher)					10	10	
10	Student Feedback (5 - Course-1 & Course-2) (10% feedback marks = 10 points at each course in section and in department)					20	20	
11	Student Class (5 - Course-1 & Course-2) (10% Para = 10 points at each course at section and in department)					20	20	
	Total for CATEGORY-I						150	150

### CATEGORY-II:

#### A) CO-CURRICULAR, EXTENSION ACTIVITIES

1	Contribution through Guest Lectures, popular lectures, subject related events, articles in college magazine and university volumes, Judges Session chairs, etc. (5 points each)					10	5
2	Extracurricular Co-curricular activities for students such as field studies/charity work, RP training and placement activity. (5 points each)					10	10
3	Community Service, Social Orientation and other Student Mentoring Activities through MNC/NGO either Governmental and non-Governmental channels (Each activity 5 points)					10	0

4	No. of Students of Staff related to non-Industrial and Sports Programmes (In inter-departmental and inter-collegiate organisations) (Graded as) a) Involvement (10 points each) b) Inter-departmental (20 points each) c) Inter-college (10 points each) d) Inter-university (5 points each)	5	5
5	No. of Publications, Edus and campus Development Activities, and programmes in the Technical Channel (Publications and Orientation programmes (Each activity 1 point))	5	0

#### III) PROFESSIONAL CONTRIBUTION

1	Position of administrative responsibilities (to be awarded each year) Principal / Dean / Director : 10 points each a) Chief Superintendent/Finance / Counsellor / COA / b) Registrar : 10 points each c) Member of system of governing council : 10 points d) each e) Member of Acad. Academic Council / Senate : 5 points f) each Member of inter-college / university level committees : 5 points each	10	5
2	Memberships in professional related committees at State / National/International level (Symposia, Conferences, Workshops, etc) only and only at the time of its re-organisation as Member of a) At International level (10 points each) b) At National level (5 points each) c) At State level (2 points each)	10	0
3	Participation in Technical Association meetings, Conferences, Seminars/workshops/positions held at paper presentation a) At International level (5 points each) b) At National level (3 points each) At State level (2 points each)	5	5
4	Participation in short term learning courses (one week duration or above) in educational technology, curriculum development, professional development, examination reforms, Institutional governance (National / 3 Nations / 4 State / 5 marks for each participation)	5	5
5	Editorial Committee/Member of Journals / Institutional Publications, International (3 Nations) : 5 marks/College : 3 marks for each Journal/Publication of Academic nature)	5	0

#### IV) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)

1	Involvement in Program design / Curriculum design / Academic Council Meeting (Only for members of Academic Council)	5	0
2	Management of B&B/Residence	5	0
3	Management of Student welfare Faculty Affairs	5	0
4	Involvement in Institute Administration/Development Specify the position	5	0
5	Contribution as a member of the Governing Council of the Institution	5	0
6	Management of Examinations (Involvement of examination in the Department / Organisation is duty but not management service marks)	5	0

	Management of Admissions: Register and-Quota (g) Director & Assoc Director Level only)	5	0
8.	Involvement in International Relations (R.D; Director & Assoc Director Level only bringing 'MOU' with international organisations/University, etc.)	5	0
9.	Conducting as Director/Chief-Trustee) Seminar / Guest Lecture / Symposium / workshop etc.	5	5
10.	Contribution to the Department as In-charge of EXAMINATION SECTION (P. security)	5	5
	<b>Sub-total (C)</b>	<b>25 Max.</b>	<b>25</b>
	<b>TOTAL For CATEGORY- II (A + B + C) (40+15+25)</b>	<b>100</b>	<b>50</b>

### CATEGORY - III :

#### RESEARCH AND ALLIED CONTRIBUTIONS (Profits to be attached only for Assessment period)

Sl.No.	Name of Activity	Score	Weightage
1)	<b>Research Publications (Journals)</b>		Score
	Number of articles in refereed Journals with impact factor > 1.0 and below 2.0	20/ publication	0
	Number of articles in refereed Journals with impact factor > 2.0 and below 3.0	20/ publication	0
	Number of articles in refereed Journals with impact factor > 3.0 and above	20/ publication	0
	Number of articles in journals with first-try impact factors	10/ publication	0
	Number of full papers in conferences proceedings, etc. (Abstracts not to be included) having ISBN-ISSN numbers. Single Author--100% weightage. Two Authors--First Author-60% and Second Author-40% weightage. Three Authors--First Author-50%, Second Author-30%, Third Author-20% weightage	10/ publication	0
2)	<b>Book Publications (books, In chapters in books, other than refereed journal articles)</b>		
	1) Number of Text or Reference Books Published by International Publishers with an established peer review system 2) Number of chapters in edited books	50/ each author 10/ chapter in edited book	0
	3) Number of Subjects Books by National level publishers (State and Central level) with ISBN-ISSN numbers 4) Number of chapters in edited books	25/ each author and 5/ chapter in edited books	0
3)	<b>Research Projects - Sponsored Projects carried out/ ongoing</b>		
	1) Number of Major Projects (total mobilized total grants above 20.00 lakhs)	20 each Project	0
	2) Number of Major Projects amount mobilized with grants above 5.0 lakhs up to 20.00 lakhs	15 each major project	0
	3) Number of Minor Projects from central / state funding agencies with grants below Rs.5.000 lakhs	10 each minor project	0
4)	<b>Consultancy Projects carried out / ongoing</b>		
	Amount mobilized Rs.-----	10 per every mobilization	0
5)	<b>Sponsored Projects</b>		
	1) Number of completed project reports (Acceptance from funding agency)	20/ 10 each	0
	2) Each major project and 10/ each minor project		0

4	Number of Patent Technology transfer / Product Process (Not applicable for submission) / 50 each output or outcome for National patents, etc / 50 each for International patents etc.,	30/50 each	0
6)	Guidance (Maximum 30 only)		
	a) M.Phil Degree awarded No.	15 / each candidate	0
	b) Thesis submitted No.	10 / each candidate	0
	c) Ph.D Degree awarded No.	50 each candidate	0
	Thesis submitted No.	25 / each candidate	0
	Guidance – No. of candidates (Maximum marks 30 only)	10 each candidate	0
7)	Training Programmes Conducted – as Convenor/ Co-Convenor/ Organizer) a) One/each Methodology course (not less than three weeks) / Workshops of no. less than one week duration No.	30 each event	0
	b) International conference / Seminar / Symposium No.	20 each event	0
	c) National conference / Seminar / Symposium No.	10 each event	0
	d) State level / university / college level seminar / conference / symposia No.	5 each	5
8)	Paper Presentation – Papers in Conferences / Seminars / workshops etc.*		
	Participation and Presentation of research papers (workshops) in		
	a) International / Foreign conferences etc. No.	10 each	0
	b) National No.	10 each	10
	c) Regional / State level No.	5 each	5
	d) Local – University / College level No.	5 each	5
9)	Invitations for conferences/seminars/workshops/symposia to deliver lectures / and/or chair sessions		
	a. Number of International / Foreign Conference etc., No.	15 each	0
	b. National No.	10 each	0
a. S	c. State Level/Regional No.	5 / each	0
	d. University/College level lectures No.	5 each	0

10)	Awards- Honors/ Recognitions		
	a. Awards by Foreign bodies etc. Awarded International Bodies No.	50 each	0
	b. National, by UGC, CSIR, DST & other Government bodies and professional Academies like Dhamma Award etc.	50 each	0
	c. State/University level	10 each	0
	d. Regional / local	10 each	0
11)	Fellowship Titles		
For	a) Foreign Universities No.	25 each	0
Ind	b) Indian Science & other Academies like Fellowship Indian National Science Academy, INASCO, F.F. IICBS, IISIL etc. No.	10 each	0

Dis	Discipline specific National level Association	5 Marks	0
2)	Post-Docral Degree		
Prs	10% GDP	50	0
	<b>Total For CATEGORY- III (Max)</b>	<b>250</b>	<b>0</b>

  
 HOD of Faculty

**CATEGORY – IV :**

**HOD ASSESSMENT**

S.No.	Description of Parameters	Max. Marks	Mark obtained
1)	Punctuality	10	
2)	Willingness to take up additional work	10	
3)	Relationship with students/Peers/other stakeholders	5	
4)	Work adjustment on leave	5	
5)	Sincerity in Project based Job construction	5	
6)	Sincerity in guideline Projects	5	
7)	Satisfactory Academic Audit Report	5	
8)	Contribution to Orientation Lecture	5	
	<b>Total for CATEGORY- IV</b>	<b>50</b>	
	<b>GRAND TOTAL :</b>		
	Category (I + II + III + IV) (150 + 100 + 250 + 50)	<b>550</b>	

DESIGNATION	MAX SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

Signature of the HOD



## GUIDE LINES AND INSTRUCTIONS

PROPOSED SCHEMES FOR ACADEMIC PERFORMANCE INDICATORS (API) IN  
RECRUITMENT AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY &  
COLLEGE TEACHERS.

### CATEGORY-1: TEACHING, LEARNING & EVALUATION

**Brief Explanation:** Based on the teacher's self-assessment API scores are proposed for (a) teaching related activities; (b) content knowledge; (c) participative in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 90. The self-assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

S.No.	Nature of Activity	Max. Score
1	Lectures taken as percentage of services of teacher as per schedule (100% compliance = 9 points for each course/section)	90
2	Seminars, tutorials, practical, project lectures, mini project lectures, work paper hours, 60 hours undertaken as percentage of those actually lectured (100% compliance = 20 points)	20
3	Imparting competencies as per course handbook (100% compliance = 10 points)	10
4	Proper question paper setting and in time solution of answer scripts (100% compliance = 5 points)	5
5	Submission of Question papers (Mid term, Assignment, Lab Exam), Delivery of Answer Submission of VMCs in time for internal/continuous assessment (100% compliance = 10 points)	10
6	Examination work such as invigilation, examination, scanning, Tying Squad duties etc. (as per norm depending upon intensity of duty)	10
7	Use of innovative teaching-learning methodologies; use of ICT	10
8	Workshop hours taken/ Remedial classes taken/ Bridge Courses taken (Each activity: 5 points for 10 hours and in proportion)	10
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Council by methods developed and adopted (1 point for each student/section)	10
10	Student Feedback (5 = Course-1 & Course-2 (100% Feedback marks = 10 points in each course or section and in proportion)	20
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20
	<b>Total for CATEGORY-1</b>	<b>150</b>
	<b>Minimum API score required</b>	<b>90</b>

**CATEGORY II: CO-CURRICULAR, EXTENSION ACTIVITIES,  
PROFESSIONAL CONTRIBUTION AND CONTRIBUTION TO INSTITUTION**

**Brief Explanation:** Based on the teacher's self-assessment, category II APF scores are proposed for co-curricular, extension activities, professional contribution and contribution to institution. The minimum APF required by teachers for eligibility for promotion is 30. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities are broad enough for the minimum APF score required (30) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee. The model table below gives groups of activities and APF scores.

S.NO	Nature of Activity	Max Score
A	Co-Curricular Extension Activities	40
B	Professional Contribution	35
C	Contribution to Institution	25
	<b>Total Per Category- II (A + B + C) (40+35 + 25 )</b>	<b>100</b>

**CATEGORY-III: RESEARCH AND ALLIED CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, APF scores are proposed for research and allied contribution. The minimum APF score required by teachers from this category is different for different levels of promotion. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee. The maximum score for category III is 250.

Name: A.GOPALA KRISHNA

ACADEMIC PERFORMANCE INDICATORS

CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	ADVANCED DATA STRUCTURE	1	Chalk & Talk	5	65
2	SOFTWARE ENGINEERING	1	Chalk & Talk,PPT,Video lectures	5	60
3	OOPS THROUGH JAVA	1	Chalk & Talk,PPT,Video lectures	5	60

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1	OPERATING SYSTEM	NPTEL videos	IIT-MADARAS	Video lectures
2	BLACK CHAIN TECHNOLOGY	NPTEL videos	IIT-KARAGPOOR	Video lectures
3	CLOUD COMPUTING	NPTEL videos	IIT-BOMBAY	Video lectures
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				API Score 20

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

<b>S.No</b>	<b>Short Description</b>	<b>API Score</b>
1	PPTS,VIDEO LECTURES	20
2	CONVERTING SUBJECT INTO REAL TIME PROJECTS	20
3	POSTER PRESENTATION	20
	<b>Total Score (Max. Score : 20)</b>	20

iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
2	<b>LAB EXTERNAL EXAMINAR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
3	<b>PAPER SETTER FOR OTHER UNIVERSITY</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
4	<b>SCHEME OF EVUALATION</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
	<b>Total Score (Max.25)</b>			<b>25</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	<b>COUNSELING</b>		
<b>2</b>	<b>TUTORIAL</b>		
<b>3</b>	<b>GUIDED FOR PUBLISHING THE PAPERS(B.TECH&amp;M.TECH)</b>		
	<b>Total (Max. 20)</b>		
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
<b>1</b>			
<b>2</b>			
	<b>(iii) Professional Development Activities</b>		
<b>2</b>	<b>ATTENDED ONE WEEK FDP</b>		<b>15</b>
	<b>Total (Max. 15)</b>		<b>15</b>
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		<b>15</b>

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							
3							

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent				
Ph.D or Equivalent				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1				

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I				
II				

<b>III</b>				

Name: NARASIMHA

ACADEMIC PERFORMANCE INDICATORS

CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	MOBILE APPLICATION DEVELOPMENT	1	Chalk & Talk	5	65
2	ARTIFICIAL INTELLIGENCE	1	Chalk & Talk,PPT,Video lectures	5	60
3	ARTFICAL NEURAL NETWORK	1	Chalk & Talk,PPT,Video lectures	5	60

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1				
2				
3				
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				API Score



iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

<b>S.No</b>	<b>Short Description</b>	<b>API Score</b>
1	PPTS,VIDEO LECTURES	
2	CONVERTING SUBJECT INTO REAL TIME PROJECTS	
3	POSTER PRESENTATION	
	<b>Total Score (Max. Score : 20)</b>	20

iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
1	<b>SPOT VALUATOR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
2	<b>LAB EXTERNAL EXAMINAR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
3				
4				
	<b>Total Score (Max.25)</b>			<b>25</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	<b>COUNSELING</b>		
<b>2</b>	<b>TUTORIAL</b>		
<b>3</b>	<b>GUIDED FOR PUBLISHING THE PAPERS(B.TECH&amp;M.TECH)</b>		
	<b>Total (Max. 20)</b>		
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
<b>1</b>			
<b>2</b>			
	<b>Total (Max. 15)</b>		
	<b>(iii) Professional Development Activities</b>		
<b>1</b>	<b>GUIDED PUBLISHING PAPAERS</b>		
<b>2</b>	<b>ATTENDED ONE WEEK FDP</b>		
	<b>Total (Max. 15)</b>		
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
1							15
2							15
3							15

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							
3							

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent				
Ph.D or Equivalent				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1				

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I				

<b>II</b>	<b>Co-curricular, Extension, professional development etc.,</b>			
	<b>Total I + II</b>			
<b>III</b>	<b>Research and Academic Contribution</b>			

Name: RAVIKIRAN

ACADEMIC PERFORMANCE INDICATORS

CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	FORMAL LANGUAGE AUTOMATA THEORY	1	Chalk & Talk	5	65
2	COMPUTER ORGANIZATION	1	Chalk & Talk,PPT,Video lectures	5	60
3	DESIGN ANALYSIS ALGORITHMS	1	Chalk & Talk,PPT,Video lectures	5	60

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1				
2				
3				
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				API Score

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

<b>S.No</b>	<b>Short Description</b>	<b>API Score</b>
1	PPTS, VIDEO LECTURES	20
2	CONVERTING SUBJECT INTO REAL TIME PROJECTS	20
3	POSTER PRESENTATION	20
	<b>Total Score (Max. Score : 20)</b>	20

iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
1	<b>SPOT VALUATOR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
2	<b>LAB EXTERNAL EXAMINAR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
	<b>Total Score (Max.25)</b>			<b>25</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	<b>COUNSELING</b>		
<b>2</b>	<b>TUTORIAL</b>		
<b>3</b>	<b>GUIDED FOR PUBLISHING THE PAPERS(B.TECH&amp;M.TECH)</b>		
	<b>Total (Max. 20)</b>		
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
<b>1</b>			
<b>2</b>			
	<b>Total (Max. 15)</b>		
	<b>(iii) Professional Development Activities</b>		
<b>1</b>	<b>GUIDED PUBLISHING PAPAERS</b>		
<b>2</b>	<b>ATTENDED ONE WEEK FDP</b>		
	<b>Total (Max. 15)</b>		
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
1							
2							
3							

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							
3							

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent				
Ph.D or Equivalent				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1				

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period



<b>I</b>				
<b>II</b>				
	<b>Total I + II</b>			
<b>III</b>	<b>Research and Academic Contribution</b>			

Name: SRINIVASARAO

**ACADEMIC PERFORMANCE INDICATORS**

**CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES**

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	Computer Networks	1	Chalk & Talk	5	65
2	Software Engineering	1	Chalk & Talk,PPT,Video lectures	5	60
3	Distributed system	1	Chalk & Talk,PPT,Video lectures	5	60

**Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)**

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1	Operating system	NPTEL videos	IIT-MADAS	Video lectures
2	Software Engineering	NPTEL videos	IIT-KARAGPOOR	Video lectures
3	Distributed system	NPTEL videos	IIT-BOMBAY	Video lectures
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				API Score
				20

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

<b>S.No</b>	<b>Short Description</b>	<b>API Score</b>
1		
2		
3		
	<b>Total Score (Max. Score : 20)</b>	20

iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
1	<b>SPOT VALUATOR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
2	<b>LAB EXTERNAL EXAMINAR</b>	<b>PRINCIPAL</b>	<b>100%</b>	<b>25</b>
3				
4				
	<b>Total Score (Max.25)</b>			<b>25</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	<b>COUNSELING</b>		
<b>2</b>	<b>TUTORIAL</b>		
<b>3</b>	<b>GUIDED FOR PUBLISHING THE PAPERS(B.TECH&amp;M.TECH)</b>	<b>2</b>	
	<b>Total (Max. 20)</b>		
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
<b>1</b>	<b>HEAD OF IT</b>		
<b>2</b>	<b>DEAN OF IT</b>		
	<b>Total (Max. 15)</b>		
	<b>(iii) Professional Development Activities</b>		
<b>1</b>	<b>GUIDED PUBLISHING PAPAERS</b>		
<b>2</b>	<b>ATTENDED ONE WEEK FDP</b>		
	<b>Total (Max. 15)</b>		
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		

**CATEGORY III: Research, Publications & Academic Contributions**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
1							
2							
3							

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							
3							

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent	03			
Ph.D or Equivalent				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1	E&ICT ACADEMY(ARTIFICIAL INTELLEGENCE AND MACHINE LEARNING)			

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I	Teaching, Learning and Evaluation related activities			

<b>II</b>	<b>Co-curricular, Extension, professional development etc.,</b>			
	<b>Total I + II</b>			
<b>III</b>	<b>Research and Academic Contribution</b>			

Name: KIRAN BABU

### ACADEMIC PERFORMANCE INDICATORS

#### CATEGORY: I. TEACHING, LEARNING AND EVALUTION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	OPERATING SYSYSTEMS	1	Chalk & Talk	5	65
2	COMPILER DESIGN	1	Chalk & Talk,PPT,Video lectures	5	60
3	DISTRIBUTED SYSYEMS	1	Chalk & Talk,PPT,Video lectures	5	60

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1				
2				
3				
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				API Score

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content,  
Course Improvement etc.

<b>S.No</b>	<b>Short Description</b>	<b>API Score</b>
1	PPTS,VIDEO LECTURES	20
2	CONVERTING SUBJECT INTO REAL TIME PROJECTS	20
3	POSTER PRESENTATION	20
<b>Total Score (Max. Score : 20)</b>		20

iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
1	SPOT VALUATOR	PRINCIPAL	100%	25
2	LAB EXTERNAL EXAMINAR	PRINCIPAL	100%	25
<b>Total Score (Max.25)</b>				25



**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	<b>COUNSELING</b>		
<b>2</b>	<b>TUTORIAL</b>		
<b>3</b>	<b>GUIDED FOR PUBLISHING THE PAPERS(B.TECH&amp;M.TECH)</b>		
	<b>Total (Max. 20)</b>		
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
	<b>Total (Max. 15)</b>		
	<b>(iii) Professional Development Activities</b>		
<b>1</b>	<b>GUIDED PUBLISHING PAPAERS</b>		
<b>2</b>	<b>ATTENDED ONE WEEK FDP</b>		
	<b>Total (Max. 15)</b>		
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
1							
2							
3							

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							
3							

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent				
Ph.D or Equivalent				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1				

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I				
II				

<b>III</b>				
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Name: NAGARAJU

**ACADEMIC PERFORMANCE INDICATORS**

**CATEGORY: I. TEACHING, LEARNING AND EVALUTION RELATED ACTIVITIES**

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	Computer Networks	1	Chalk & Talk	5	65
2	Software Engineering	1	Chalk & Talk,PPT,Video lectures	5	60
3	Distributed system	1	Chalk & Talk,PPT,Video lectures	5	60

**Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)**

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1	Operating system	NPTEL videos	IIT-MADAS	Video lectures
2	Software Engineering	NPTEL videos	IIT-KARAGPOOR	Video lectures
3	Distributed system	NPTEL videos	IIT-BOMBAY	Video lectures
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				<b>API Score</b> <b>20</b>

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content,

Course Improvement etc.

<b>S.No</b>	<b>Short Description</b>	<b>API Score</b>
1	PPTS,VIDEO LECTURES	20
2	CONVERTING SUBJECT INTO REAL TIME PROJECTS	20
3	POSTER PRESENTATION	20
	<b>Total Score (Max. Score : 20)</b>	20

iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
1	SPOT VALUATOR	PRINCIPAL	100%	25
2	LAB EXTERNAL EXAMINAR	PRINCIPAL	100%	25
3	PAPER SETTER FOR OTHER UNIVERSITY	PRINCIPAL	100%	25
4	SCHEME OF EVUALATION	PRINCIPAL	100%	25
	<b>Total Score (Max.25)</b>			25

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	<b>COUNSELING</b>	<b>2</b>	<b>20</b>
<b>2</b>	<b>TUTORIAL</b>	<b>2</b>	<b>20</b>
<b>3</b>	<b>GUIDED FOR PUBLISHING THE PAPERS(B.TECH&amp;M.TECH)</b>	<b>2</b>	<b>20</b>
	<b>Total (Max. 20)</b>		<b>20</b>
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
<b>1</b>	<b>HEAD OF IT</b>	<b>ODD SEM</b>	<b>15</b>
<b>2</b>	<b>DEAN OF IT</b>	<b>EVEN SEM</b>	<b>15</b>
	<b>Total (Max. 15)</b>		<b>15</b>
	<b>(iii) Professional Development Activities</b>		
<b>1</b>	<b>GUIDED PUBLISHING PAPAERS</b>		<b>15</b>
<b>2</b>	<b>ATTENDED ONE WEEK FDP</b>		<b>15</b>
	<b>Total (Max. 15)</b>		<b>15</b>
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		<b>25</b>

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
1	Comprehensive auditing in clouds with identity-based data outsourcing.	INTERNATIONAL JOURNAL OF COMPUTATIONAL MATHEMATICAL IDEAS [IJCMI] ISSN: 0974-8652	0974 - 8652	PEER REVIEWD JOURNAL	2	1	15
2	Privacy preserving for numeric related sql range queries in two clouds secure database.	INTERNATIONAL JOURNAL OF INNOVATIVE ENGINEERING AND MANAGEMENT RESEARCH [JIEMR] ISSN: 2456-5083	2456 - 5083	PEER REVIEWD JOURNAL(ELSEVIER SSRN)	2	1	15
3	An advanced clinical document architecture (CDA)and health data information system across cloud computing	INTERNATIONAL JOURNAL OF COMPUTATIONAL MATHEMATICAL IDEAS [IJCMI] ISSN: 0974-8652	0974 - 8652	PEER REVIEWD JOURNAL	2	1	15

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publication	Whether you are the main author	API Score
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					<b>ns</b>		
<b>1</b>	<b>DESIGN PATTERN</b>	<b>DESIGN PATTERN, INTRODUCTION TO SOFTWARE ENGINEERING</b>	<b>978-93-87610-29-3</b>	<b>REVIEWED</b>	<b>04</b>	<b>1</b>	<b>20</b>
<b>2</b>	<b>INTRODUCTION TO SOFTWARE ENGINEERING</b>	<b>INTRODUCTION TO SOFTWARE ENGINEERING, INTRODUCTION TO SOFTWARE ENGINEERING</b>	<b>978-93-87610-28-6</b>	<b>REVIEWED</b>	<b>04</b>	<b>4</b>	<b>10</b>
<b>3</b>	<b>DISTRIBUTED SYSTEMS</b>	<b>DISTRIBUTED SYSTEMS, BONFRING PUBLICATIONS</b>	<b>9-789387-862395</b>	<b>REVIEWED</b>	<b>04</b>	<b>4</b>	<b>10</b>

**(D) Research Guidance**

<b>S.No</b>	<b>Number Enrolled</b>	<b>Thesis Submitted</b>	<b>Degree Awarded</b>	<b>API Score</b>
<b>M.Phil or Equivalent</b>	<b>03</b>	<b>YES</b>	<b>YES</b>	<b>9</b>
<b>Ph.D or Equivalent</b>				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

<b>S.No</b>	<b>Programme</b>	<b>Duration</b>	<b>Organized by</b>	<b>API Score</b>
<b>1</b>	<b>E&amp;ICT ACADEMY(ARTIFICIAL INTELLEGENCE AND MACHINE LEARNING)</b>	<b>1 WEEK</b>	<b>E&amp;ICT ACADEMY AND NIT-WARANAGAL</b>	<b>10</b>

**SUMMARY OF API SCORES**

<b>S.No</b>	<b>Criteria</b>	<b>Last Academic Year</b>	<b>Total – API Score for Assessment period</b>	<b>Annual Av. API Assessment period</b>



<b>I</b>	<b>Teaching, Learning and Evaluation related activities</b>	<b>2019-20</b>	<b>125</b>	
<b>II</b>	<b>Co-curricular, Extension, professional development etc.,</b>	<b>2019-20</b>	<b>25</b>	
	<b>Total I + II</b>	<b>2019-20</b>	<b>150</b>	
<b>III</b>	<b>Research and Academic Contribution</b>	<b>2019-20</b>	<b>104</b>	



# NRI INSTITUTE OF TECHNOLOGY

KRIT/1.5/P-01

## Faculty Self-Appraisal Form

Emp ID: **TS0299**

### HQ-DATA OF TEACHING FACULTY

Faculty Period

Year	Mo	Week	Day	Tr.	td	mm	yy
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#### SECTION - A

#### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	<b>KRISHNA KUNAS METALA</b>	Description	<b>Asst Prof</b>
DOB (dd/mm/yyyy)	<b>01/04/1984</b>	Department	<b>Civil Engineering</b>
Date of joining @ NRIIT	<b>21.06.17.16</b>	Acad. Specialization	<b>TT Teach (Structures)</b>

2) MOBILE NUMBER : **98256 90078**  
 EMAIL ID : **krishna.kunas@nriit.edu.in**

#### 3) QUALIFICATION (Degree/Diploma to highest Degree):

Degree/Diploma	University	C.I.P.S.	Grade	Class	Year of Passing
<b>M.Tech</b>	<b>JNTU - K</b>	<b>P. C. E. T</b>	<b>A P</b>	<b>Distinction</b>	<b>2005</b>
<b>B.Tech</b>	<b>ANU</b>	<b>V. R. S. E.</b>	<b>"</b>	<b>Second</b>	<b>2010</b>
<b>B.Sc.E</b>	<b>B.S.E</b>	<b>SR. CHARTERED</b>	<b>"</b>	<b>DISTINCTION</b>	<b>2004</b>
<b>S.S.C</b>	<b>S.S.C</b>	<b>SR. KAPPA YA</b>	<b>"</b>	<b>DISTINCTION</b>	<b>2002</b>

#### 4) Rank/Prizes/Medals won at College / University during education/in service

#### 5) Details of Additional Training / Faculty Improvement / Further Study undergone

PERIOD		Nature of Programme	Institution	Remarks
From	To			

6) Total Experience : Teaching at NRIIT : **05 Yrs = Months** Teaching at (outside) : **03 (years)**  
 Industrial : **01 (years)**

#### Details Teaching & Industrial Experience (outside NRIIT)

Position held	Institution		From	To	No. of years	Name of the University / Institute / Organization
	From	To				
<b>Asst Prof</b>			<b>13/04/2016</b>	<b>Till to date</b>	<b>05</b>	<b>NRIIT</b>
<b>"</b>			<b>2010</b>	<b>2016</b>	<b>03</b>	<b>SREC</b>
<b>CPE</b>			<b>2010</b>	<b>2011</b>	<b>01</b>	<b>NEC</b>

## SECTION - B

## CATEGORY-1 : TEACHING LEARNING AND EVALUATION

Sl. No.	Nature of Activity	Maximum Score	Self-Appraised Marks																					
1	Lectures taken as percentage of lectures (if content is per schedule) (100% compliance = 10 points for each course/section)  - Total number of lectures taken _____ Number of lectures taken _____ <table border="1" data-bbox="274 479 1157 667"> <thead> <tr> <th>S. No.</th> <th>Course Code</th> <th>Course Name</th> <th>Year / /</th> <th>Sem</th> <th>Section</th> <th>Branch</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td>P.S.-C</td> <td>19</td> <td>I</td> <td>A&amp;B</td> <td>C-E</td> </tr> <tr> <td>2.</td> <td></td> <td>res &amp; G.S</td> <td>19</td> <td>II</td> <td>A&amp;B</td> <td>C-E</td> </tr> </tbody> </table>	S. No.	Course Code	Course Name	Year / /	Sem	Section	Branch	1.		P.S.-C	19	I	A&B	C-E	2.		res & G.S	19	II	A&B	C-E	20	20
S. No.	Course Code	Course Name	Year / /	Sem	Section	Branch																		
1.		P.S.-C	19	I	A&B	C-E																		
2.		res & G.S	19	II	A&B	C-E																		
2	Seminars, tutorials, practical, project hours, mini project hours, term paper hours, G.S hours undertaken as percentage of time/total allocated (100% compliance = 20 points)  - Hours allocated <input type="checkbox"/> - Hours taken <input type="checkbox"/>	20	20																					
3	Improving competencies as per course document (100% compliance = 10 points)	10	10																					
4	Prep. Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10	10																					
5	Submission of question papers (Mid-term, Assignment, Lab Exams), display of Answer & marks of Marks in time for internal/continuous assessment (100% compliance = 10 points)	10	10																					
6	Examination work such as Investigation, Evaluation, Security, Flying Speed trials etc. (max. 10 depending upon timing of day)	10	10																					
7	Use of Innovative teaching - Learning methodologies; use of ICT; a) ICT Based Teaching material providing in-house (5 points) b) Application and use of PPT and Power Point Presentation (3) c) Course Content / content preparation and selection (2)	10	06																					
8	Week Student hours taken for extra classes taken (Friday Classes) or other (See rule 4.1) (3 points for 10 hours and in proportion)	10	10																					
9	Student Performance Monitoring and reporting system (if) (for use and Student Counselling modules developed and implemented (1 mark for each of 4 modules)	10	10																					
10	Student Feedback (N - 3, 100% & 3 - 100% (100% feedback marks 10 points in each course or section and in proportion)	20	10																					
11	Student Pass % - Course 1 & Course 2 (100% Pass = 10 points in each course or section and in proportion)	20	16																					
	<b>Total For CATEGORY-1</b>	<b>150</b>	<b>146</b>																					

**CATEGORY - II :**

**A) CO-CURRICULAR, EXTENSION ACTIVITIES**

1	Contribution through Guest lectures, popular lectures subject center seminar, etc. in college magazine and university volumes. Judges Seminars, etc. (5 points each)	20	
2	Instructional Co-curricular activities for students such as field studies/short courses, IIP training and placement activity. (5 points each)	10	
3	Community Service, Social Orientations and other Student Enriching Activities through NSS/CWA/other Governmental and non Governmental channels (Each activity 5 points)	10	
4	No. of students and staff oriented Soc-Cultural and Sports Programmes (inter/inter departmental and inter-collegiate) organized. (Continued) a) Inter department (1 point each) b) Inter department (2 points each) c) Inter college (3 points each) d) Inter university (5 points each)	5	
5	Mass Professional Exhibitions, campus Development Activities, and programmes in the TV/Radio Channels, Participation in Extension programmes (Each activity 1 point)	5	

**B) PROFESSIONAL CONTRIBUTION**

1	Extra Level Government responsibility each for members' one year: Principal/Dean/Director : 10 points each Chief Superintendent/Principal/Chairperson IQAC over 3 years : 10 points each Member of syndicate / governing council : 10 points each Member of BVS/ Academic Council / Senate : 5 points each Member of inter college / university level committees : 5 points each	10	05
2	Membership in professional related committees or Society National/International level Symposiums, Conferences, Workshops, etc. (only one time at the time of tenure/Re-visit as Member) a) At International level (10 points each) b) At National level (5 points each) c) At State level (3 points each)	10	
3	Participation in Technical Association meetings, Conferences, Seminars/Workshops by invitation without paper presentation a) At International level (5 points each) b) At National level (3 points each) At State level (2 points each)	5	
4	Participation in short term training courses (one week or more or above) in educational technology, curriculum development, professional development, Extension activities, Instructional programmes etc. (National : 4 State : 1 mark for each participation)	5	
5	Editorial Committee Member of Journals / Publications, International : 5 National : 4 State/College : 3 marks for each item (Publication of Academic nature)	5	

C) CONTRIBUTION TO INSTITUTION (each one 5 marks Minimum 25 Marks)			
1.	Involvement in Faculty to design Curriculum design/ Academic Council Meeting (Only for members of Academic Council)	5	
2.	Management of R&D Consultancy	5	
3.	Management of student welfare Faculty activities	5	
4.	Involvement in Institute for Academic Staff Development Specify the position.	5	
5.	Contribution as a member of the General Committees of the Institution	5	
6.	Management of Examinations (In charge of examinations in the Department (Insp) since is duty but not management hence no marks)	5	
7.	Management of Admission / Registration (Quality Director & Assoc Director Level only)	5	
8.	Involvement in International Relations (RIP) Director & Assoc Director Level (Linking M.A. with international organization/University etc.)	5	
9.	Co-ordinating or Participating in (Director) Seminars / Guest Lectures / Symposium / Workshop etc.	5	
10.	Contribution to the Department as in charge of _____ (C) specify	5	
	Sub-total (C)	25 Mar.	
	TOTAL For CATEGORY-11 (A+B+C) (40+35+25)	100	05

### CATEGORY - III :

#### RESEARCH AND ALLIED CONTRIBUTIONS (Points to be attached only for 3 consecutive period)

Sl.No.	Nature of Activity	Score	Self-appraisal Score
1)	Research Publications (Journals)		
	Number of articles in refereed Journals with impact factor 1.5 and below 5.0	10/ publication	
	Number of articles in refereed Journals with impact factor 5.1 and below 10.0	20/ publication	20 20 = 40
	Number of articles in refereed Journals with impact factor less than 1.0	20/ publication	
	Number of articles in journals without any impact factors	10/ publication	
	Number of full papers, conference proceedings, etc. (Abstract not to be included) having ISBN/ISSN numbers	10/ publication	
	Single Author—100% weightage Two Authors—First Author—60% and Second Author—40% weightage Three Authors—First Author—30%, Second Author—30%, Third Author—20% weightage		
2)	Book Publications (books, in chapters in books, other than refereed journal articles)		
a)	Number of textbooks or books published by International Publishers with an established peer review system (abstracts/chapters in edited books)	30/sole author 10/chapter in an edited book	—
b)	Number of Subjects Books by National level publishers (State and Central Govt. level) with ISBN/ISSN numbers	25/sole author, Per. and 50/sole author in edited books	—
c)	Number of chapters in edited books		
3)	Research Project - Sponsored Projects carried out/ ongoing		
a)	Number of Major Projects (amount received) with grants above 10,00 lakhs	20/each	—

		Process	
	1) Number of Major Projects funded / old / old with grants above 5.0 lakhs up to 50 Lakhs	15 each major project	
	2) Number of Minor Projects from central / state funding agencies with grants below Rs.500 lakhs	10 each minor project	
4)	Consultancy Projects carried out / ongoing Amount mobilized Rs. 500 lakhs	10 per every mobilization	10
5)	Sponsored Projects		
	a) Number of completed project Reports (Accepted from funding agencies) 20 each major project and 100 each minor project	20/10 each	-
	b) Number of Patent/Technology transfer / Product Process / etc. applicable for an institution / stretch patent for national / international patents, etc / 50 each for international patents etc.	50/50 each	-
6)	Guidance (Maximum 50 only)		
	a) M.Phil		
	Degree awarded No.	150 each candidate	-
	Thesis submitted No.	100 each candidate	-
	b) Ph.D		
	Degree awarded No.	50 each candidate	-
	Thesis submitted No.	75 each candidate	-
	Guidance No. of candidates (Maximum marks 30 only)	10 each candidate	30
7)	Training Programmes Conducted - as Laureate / Co-Laureate / Organizer		
	a) Resourses / Methodology course (more than three weeks) / Workshops / etc. (not less than one week duration) No.	20 each event	-
	b) Title talks / conferences / Seminars / Symposia No.	20 each event	-
	c) National level / State / Seminar / Symposium No.	10 each event	-
	d) Private level / University / college / Local seminar / conferences / symposia No.	5 each	-
8)	Paper Presentation - Papers in Conferences / Seminars / workshops etc.		
	Participation and Presentation of research papers (published) in		
	a) International / Foreign conference etc., No.	10 each	-
	b) National No.	10 each	-
	c) Regional / State level No.	5 each	-
	d) Local - University / College level No.	5 each	-
9)	Invitations for conferences/seminars/workshops/symposia to deliver lectures / conduct chair sessions		
	a. Number of International / Foreign Conferences etc., No.	15 each	-
	b. National No.	10 each	-

	c. State Level/Regional No.	5 Marks	—
	d. University/College level/Local No.	5 Marks	—

III)	Awards - Honorific Recognitions		
	a. Awarded by Foreign Universities/ Accredited International Bodies No.	50 Marks	—
	b. National like UGC, CSIR, DST & other Government Bodies and professional Academies like Dhotnar Award etc.	50 Marks	—
	c. State/University level.	20 Marks	—
	d. Regional/ local	10 Marks	—
1.)	Fellowship/Titles		
	a) Foreign (1. Distinguished)	25 Marks	—
	b) National Science & other Academies like Fellowship of Indian National Science Academy, ICASS, IAS, IITC, ISTE etc., No.	20 Marks	—
	c) Discipline given to National level Association-	5 Marks	—
12)	Post-Docoral Degrees		
	D 3: PDF	50	—
	<b>Total For CATEGORY- III (Max)</b>	<b>250</b>	<b>00</b>

  
Signature of Faculty

**CATEGORY IV :**

**HOD ASSESSMENT**

Sl.No.	Description of Parameters	Max Marks	Marks allotted
1)	Participation	10	
2)	Willingness to take up additional work	10	
3)	Relationship with students/ Doing other tasks/ duties	5	
4)	Work adjustment on leave	5	
5)	Specialty in Project based teaching/ lab	5	
6)	Specialty in govt. Proj.	5	
7)	Satisfactory Academic Audit Report	5	
8)	Contribution to Orientation Lecture	5	
	<b>Total For CATEGORY IV</b>	<b>50</b>	
	<b>GRAND TOTAL :</b> Category ( I + II + III + IV) ( 150 + 100 + 250 + 50 )	<b>550</b>	

DESIGNATION	MAX. MARKS
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

  
Signature of the HOD

## GUIDE LINES AND INSTRUCTIONS

PROPOSED SCHEMES FOR ACADEMIC PERFORMANCE INDICATORS (API) IN  
REQUIREMENTS AND CAREER ADVANCEMENT SCHEME (CAS) PROVISIONS OF UNIVERSITY  
COLLEGE TEACHERS.

### CATEGORY I: TEACHING, LEARNING AND EVALUATION

**Brief Explanation** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score expected by teachers from this category is 90. The self-assessment score should be based on objectively available criteria wherever possible and will be finalized by the screening/selection committee.

S.No.	Name of Activity	Max. Score
1	Lectures taken as percentage of lectures allocated as per sector (ie. 100% compliance = 10 points for each course/section)	20
2	Seminars, tutorials, practical project hours, mini project hours, term paper hours, CD hours undertaken as percentage of those hours allocated (100% compliance = 20 points)	20
3	Imparting competencies as per course Handout (100% compliance = 10 points)	10
4	Prayer Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10
5	Submission of Question papers (for exam), Assessment, Lab report display of Answer, Submission of Marks in time for Internal/Continuous assessment (100% compliance = 10 points)	10
6	Participation work such as Investigation, Evaluation, Seminars, Elvira Soudhakar etc. (maximum 10 depending upon category of faculty)	10
7	Use of Innovative teaching / Learning methodologies: use of ICT;	10
8	Week Student hours taken/ Remedial classes taken / Bridge Course hrs taken (each activity = 5 points for 10 hours and in proportion)	10
9	Student Performance Monitoring and reporting, 1st semester Exchanges and Student Counseling modules developed and imparted → (1 mark for each student/sem)	10
10	Student Feedback % - Course-1 & Course-2 (100% feedback marks = 10 points in such course or section and in proportion)	20
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20
	<b>Total for CATEGORY I</b>	<b>150</b>
	<b>Minimum API score required</b>	<b>90</b>



## CATEGORY II: CO-CURRICULAR, EXTENSION ACTIVITIES

### PROFESSIONAL CONTRIBUTION AND CONTRIBUTION TO INSTITUTION

**Brief Explanation:** Based on the teacher's self-assessment, category II API scores are awarded for co-curricular, extension activities, professional contribution and contribution to institution. The minimum API required by teachers for eligibility for promotion is 90. A list of items and API score points is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities are broad enough for the minimum API score required (90) in this category to be earned by all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee. The model table below gives groups of activities and API scores.

S.NO	Nature of Activity	Max Score
A	Co-Curricular, Extension Activities	40
B	Professional Contribution	35
C	Contribution to Institution	25
	<b>Total For Category- II (A + B + C) (40 + 35 + 25)</b>	<b>100</b>

## CATEGORY III: RESEARCH AND ALLIED CONTRIBUTIONS

**Brief Explanation:** Based on the teacher's self-assessment, API scores are provided for research and allied contributions. The minimum API score required by teachers from this category is different for different levels of promotion. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee. The maximum score for category III is 250.



## Faculty Self-Appraisal Form

Emp ID: 750388

### BIODATA OF TEACHING FACULTY

Roll No. / Ser. No.

1	2	3	4	5	6	7	8
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#### SECTION - A

#### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	NARENDRA BABU P	Designation	MOD (Assoc Prof)
D.O.B (dd/mm/yy)	22/07/1967	Department	CIVIL
Date of Joining - NRIIT	04/06/2018	Area of Specialization	STRUCTURES

2) MOBILE NUMBER : 6303625687

EMAIL ID : PILLINARENDRA22@gmail.com

#### 3) QUALIFICATION (Degree/Diploma to highest Degree):

Degree/Diploma	University	College	Name	Class	Year of Passing
B.Tech	PUNE	POWVR-GHUR	M.S	II	1991
M.Ech	TATVA	USHARAMA	A.P	I	2017

#### 4) Rank/Prize/Medals won at College / University during education/in service


#### 5) Details of Additional Training : Faculty Improvement / Further Study undergone

PERIOD		Name of Programme	Institution	Remarks
From	To			

6) Total Experience : 30  
 Teaching at NRIIT : 2 Yrs 11 Months  
 Teaching at Outside : 20 (years)  
 Industrial : 10 (years)

#### Details: Teaching & Industrial Experience (outside NRIIT)

Position held	Status		Duration		No. of years	Name of the University / Institute / Organization
	Permanent	Temporary	From	To		
MOD		✓	4/5/15	30/5/21	2 Yrs 10 Mths	NRIIT
Asst Prof		✓	1/6/14	30/5/18	4 Yrs	AGANIDAYA (ODI)
Asst Prof		✓	2/6/12	30/5/14	2 Yrs	ADVA
		✓	1/6/10	30/5/12	2 Yrs	USHA RAMA

## SECTION - B

## CATEGORY-I = TEACHING, LEARNING AND EVALUATION

Sl. No.	Nature of Activity	Maximum Score	Self Appraisal Score																					
1	Lectures taken as percentage of total hrs allocated as per schedule (100% compliance = 10 points for each teacher/section)  Total no. of hrs allocated = <u>1200</u> - Number of lectures taken = <u>1200</u>	20	20																					
	<table border="1"> <thead> <tr> <th>Sl No</th> <th>Course Code</th> <th>Course Name</th> <th>Year (BPH/BE)</th> <th>Sem</th> <th>Section</th> <th>In-charge</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td><u>SOKE-15</u></td> <td><u>2/2</u></td> <td><u>2.</u></td> <td><u>3</u></td> <td><u>PL</u></td> </tr> <tr> <td>2.</td> <td></td> <td><u>SOKE-16</u></td> <td><u>2/1</u></td> <td><u>1</u></td> <td><u>2</u></td> <td><u>CE</u></td> </tr> </tbody> </table>	Sl No	Course Code	Course Name	Year (BPH/BE)	Sem	Section	In-charge	1.		<u>SOKE-15</u>	<u>2/2</u>	<u>2.</u>	<u>3</u>	<u>PL</u>	2.		<u>SOKE-16</u>	<u>2/1</u>	<u>1</u>	<u>2</u>	<u>CE</u>		
Sl No	Course Code	Course Name	Year (BPH/BE)	Sem	Section	In-charge																		
1.		<u>SOKE-15</u>	<u>2/2</u>	<u>2.</u>	<u>3</u>	<u>PL</u>																		
2.		<u>SOKE-16</u>	<u>2/1</u>	<u>1</u>	<u>2</u>	<u>CE</u>																		
2	Seminars, workshops, practical, project etc. - mini project hours - term papers, hours, & J hours undertaken as percentage of those actual allocated (100% compliance = 20 points) - Hours allocated = <u>70</u> - Hours taken = <u>100</u>	20	20																					
3	Imparting computer/IT as per course Requirement (100% compliance = 10 points)	10	8																					
4	Proper Question paper setting and in time evaluation of answer scripts (100% compliance = 10 points)	10	10																					
5	Examination of Question paper & marking. Assignment, Lab Exams, display of Answer, Rubric score & Marksheet in time for internal & final assessment (100% compliance = 10 points)	10	10																					
6	Examination work such as Investigation, Evaluation, Scoring, Copying, Spelling, etc. etc. (maximum of depending upon proficiency of duty)	10	10																					
7	Use of innovative teaching-learning methods/eg. use of ICT a) ICT Based Teaching-learning (e-learning, e-content) b) Preparation and use of Power Point Presentations (10) c) Course Handout/Content preparation & distribution (10)	20	5																					
8	Work Shop/In house training/ Seminars/ Workshops taken - Bridge Course/Co-take (Each activity = 5 points for 10 hours of a presentation)	10	5																					
9	Work of Performance Monitoring, quality reporting, to parents & colleges & other student concerns. eg. modules developed and imparted (1 mark for each six exercises)	10	10																					
10	Student Feedback (S-Course) & C-Course (100% compliance) - 10 points in each course or section and in proportion 1	20	15																					
11	Student Feedback - Courses 1 & Courses 2 (100% Pass = 10 points in each course or section and in proportion 1)	20	18																					
	<b>Total for CATEGORY-I</b>	<b>150</b>	<b>131</b>																					

**CATEGORY- II :****A) NON-CURRICULAR, EXTENSION ACTIVITIES**

1	Contribution through Guest lectures, popular lectures, subject related events, articles in college magazines and university volumes, Intra-Session affairs, etc... (2 points each)	10	---
2	Institutional /Intra-departmental activities for students such as Field studies/educational tours, IRP training and Extension activity. (2 points each)	10	---
3	Community Service, Social Organisations and other student leading Activities through NSS/CFE/ etc (Governmental and non Governmental Channels) (Each activity 5 points)	10	---
4	No. of Students and Staff related Socio-Cultural and Sports Programmes (Intra-departmental and inter-collegiate) organized /attended. a) Intra-departmental : (1 point each) b) Intra-departmental : (2 points each) c) Inter colleges : (3 points each) d) Inter-university : (5 points each)	5	---
5	No. of Professional /Ethics and campus Development Activities and programmes in the TV/ Radio Channels, Participation in Or outside programme (Each activity 1 point)	5	---

**B) PROFESSIONAL CONTRIBUTION**

1	Institutional Governance responsibilities (to be awarded each year) Principal / Dean / Director : 10 points each Chief Registrar/Head of Welfare / Clinique / etc : IQAC : 10 points each Member of syndicate / Governing council : 10 points each Member of H.O.S/ Academic Council / Same : 5 points each Member of other college / university level committees : 5 points each	10	---
2	Memberships in profession related committees at State/ National/ International level: Symposia, Conferences, Workshops, etc. (only one time at the time of joining/Renewal as Member) a) At International level: (10 points each) b) At National level: (7 points each) c) At State level: (3 points each)	10	---
3	Participation in Technical Association meetings, Conferences, Seminars/workshops/symposium without paper presentation d) At International level: (5 points each) e) At National level: (3 points each) At State level: (2 points each)	5	---
4	Participation in short term / long term (one week duration or above) in educational, technology, curricula development, professional development, examination reforms, institutional governance. (International : 3 National : 4 State : 3 marks for each participation)	5	---
5	Editorial Committee Member of Journals : Educational Publications. International : 3 National : 2 State/College : 1 marks for each Journal/Publication of Academic nature)	5	---

**C) CONTRIBUTION TO INSTITUTION** (each case 5 marks- Maximum 25 Marks)

1	Involvement in Annual Budget Committee, Academic Council Meeting (Only for members of Academic Council)	5	
2	Membership of B&E Committees	5	
3	Management of Student welfare/ Faculty affairs	5	5
4	Involvement in Institutional Administration/Development Specify the position:	5	
5	Contribution as a member of the Central Committee of the Institution	5	5
6	Management of Examinations / In-charge of examinations in the Department. (one gets a duty for 14 management hours in a year)	5	5
7	Management of Admissions/ Registrations/ Quality Director & Assoc. Director Level only	5	5
8	Involvement in International Relations/IRF Director & Assoc. Director Level only bringing MoU with international organization/ University etc.)	5	
9	Conducting as Director/Co-ordinator / Seminar / Guest Lecture / Symposium / Workshop etc.	5	
10	Contribution to the Department as in charge of _____ (PI/assistant)	5	5
	<b>Sub-total (C)</b>	<b>25 Max.</b>	<b>2.5</b>
	<b>TOTAL For CATEGORY - II (A-B+C) (40-15-25) (60+15=75)</b>	<b>100</b>	<b>2.5</b>

**CATEGORY - III :**

**RESEARCH AND ALLIED CONTRIBUTIONS** (Proofs to be attached only for Assessment period)

Sl.No.	Nature of Activity	Score	Self-Appraisal Marks
1)	<b>Research Publications (Journals)</b> Number of articles in national journals with impact factor 2.0 and above etc. Number of articles in national journals with impact factor 1.1 and below 2.0 Number of articles in national journals with impact factor less than 1.0 Number of articles in journals without any impact factors Number of full papers in conference proceedings, etc. (Abstracts not to be included) having ISBN/ISSN numbers. Single Author—100% weightage Two Authors-First Author-60% and Second Author-40% weightage Three Authors-First Author-50%, Second Author-30%, Third Author-20% weightage	20 10 20 10 10 10	— — — — —
2)	<b>Book Publications (Books, in chapters in Books, other than refereed journal articles)</b> a) Number of Text or reference Books Published by International Publishers with an established peer review system b) Number of chapters in edited books a) Number of Subjects Books by National level publishers (State and Central Govt. level) with ISBN/ISSN numbers b) Number of chapters in edited books	50 each author; 10 chapter in an edited book 25 each author and 5 chapter in edited books	— —
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b> a) Number of Major Projects amount mobilized with grants above 50.00 lakhs	20 each	—

		Project	
	b) Number of Minor Projects funded with grants above Rs.10 lakhs up to 30.00 lakhs	15 each major project	---
	c) Number of Minor Projects funded with grants below Rs.10 lakhs	10 each minor project	---
1)	<b>Consultancy Projects carried out / ongoing</b>		
	Amount utilized/ Rs. -----	10 per every utilization	---
2)	<b>Sponsored Projects</b>		
	a) No. of completed project reports (acceptance/ final funding letter)	25/10 each	---
	20 each major project and 10 each minor project		
	b) Number of Late Re-funding credits / Process / Process (not applicable for submission)	20/50 each	---
	30 each credit or outcome for National projects, and 50 each for International projects etc.		
3)	<b>U. holders (Maximum 50 only)</b>		
	a) M.Phil		
	Degree awarded No.	15 / each candidate	---
	b) Thesis submitted No.	10 / each candidate	---
	c) Ph.D		
	Degree awarded No.	20 / each candidate	---
	Thesis submitted No.	25 / each candidate	---
	Guidance - No. of candidates (Maximum marks 50 only)	10 each candidate	---
4)	<b>Training Programmes Conducted (as University Co-Operative Organizer)</b>		
	a) Research / Management course that was less than three weeks for Workshops of not less than one week duration No.	20 each event	---
	b) International conferences / Seminar / Symposia No.	20 each event	---
	c) National conferences / Seminar / Symposia No.	10 each event	---
	d) State level / University / college level seminar / conferences / symposia No.	5 / each	---
5)	<b>Paper Presentation - Papers in Conferences / Seminars / workshops etc.</b>		
	Participating in Presentation of research papers (workshop) in		
	a) International / Foreign conferences etc., No.	10 each	---
	b) National No.	10 each	---
	c) Regional / State level No.	5 each	---
	d) Local - University / College level No.	2 each	---
6)	<b>Invitations for conferences/seminars/workshops/ symposia to deliver lectures / invited chair sessions</b>		
	a. Number of International / Foreign Conference etc., No.	10 each	---
	b. National No.	10 each	---

c. State Level/Regional No.	5 / each	—
d. University/College Level/Inst. No.	5 / each	—

10)	<b>Awards / Honors/ Recognitions</b>		
	a. Awards by Foreign Universities / Accredited International Bodies No.	50 / each	—
	b. Awards by ICMR, CSIR, DST & other Government bodies and professional Academies like Shri Chitra Award etc.	50 / each	—
	c. State/University level.	20 / each	—
	d. Regional / Local	10 / each	—
11)	<b>Fellowship Titles</b>		
	a) Foreign Universities No.	25 / each	—
	b) Indian Science & other Academies like Fellow of Indian National Science Academy, FNASCI, ITC, ICB, IISTE etc., No.	10 / each	—
	c) Disciplines specific National level Associations	5 / each	—
12)	<b>Post- Doctoral Degrees</b>		
	D.Sc./D.D.	50	—
	<b>Total For CATEGORY- III (Mus)</b>	250	—

*BSL*  
Signature of Faculty

**CATEGORY - IV :**

**TEACHING ASSESSMENT**

S.No.	Description of Parameters	Max. Marks	Marks allotted
1)	Punctuality	10	7
2)	Will to accept/ take up additional work	10	10
3)	Relationship with students/ Teachers/ other stakeholders	5	5
4)	Work adjustment on leave	5	5
5)	Sincerity in Project based lab construction	5	5
6)	Sincerity in guiding Projects	5	5
7)	Satisfactory Academic Audit report	5	5
8)	Contribution to Orientation Lecture	5	5
	<b>Total for CATEGORY- IV</b>	50	41
	<b>GRAND TOTAL :</b>		
	Category ( I + II + III + IV) (150 + 100 + 250 + 50)	550	(100 + 270 + 41)

= 271

DESIGNATION	MAX SCORE
PROFESSOR	150
ASSOCIATE PROFESSOR	100
ASSISTANT PROFESSOR	50

*BSL*  
Signature of the HOD

## GUIDE LINES AND INSTRUCTIONS

PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (API) IN RECRUITMENT AND CAREER ADVANCEMENT SCHEME (CAS) PERFORMERS OF UNIVERSITY COLLEGE TEACHERS.

### CATEGORY I: TEACHING, LEARNING, AND EVALUATION

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) development of course, (c) participation in examination and assessment; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 90. The self-assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

S.No.	Nature of Activity	Max. Score
1	Lectures taken as percentage of lecture as allocated as per schedule (100% compliance = 10 points for each hour & so on)	20
2	Seminars, tutorials, projects, group hours, mini project hours, term paper hours, GP hours undertaken as percentage of those total allocated. (100% compliance = 20 points)	20
3	Formative examinations as per course Handout (100% compliance = 10 points)	10
4	Peer Review under setting and in time evaluation of answer scripts (100% compliance = 10 points)	10
5	Submission of Question papers (Mid term, Assign ment, Lab Exams), display of Answer, Submission of Marks in time for internal/ external assessment (100% compliance = 10 points)	10
6	Teaching work such as Invigilation, Evaluation, Scrutiny, Setting Solved dates etc. (maximum 0 depending upon intensity of duty)	0
7	Use of innovative teaching/ learning methodologies; use of ICT	10
8	Work Shop/ hours taken/ Remedial classes taken / Trainers Courses hrs taken (Teach activity: 5 points for 0 hours and in proportion)	10
9	Student Performance Monitoring and reporting to parents/ Higher-ups and Student Enriching modules developed and imparted (1 mark for each student/class)	10
10	Student Feedback (1% - 1 mark) & Course-2 (100% feedback mark = 10 points in each course or section and in proportion)	20
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20
	<b>Total for CATEGORY-I</b>	<b>150</b>
	<b>Minimum API score required</b>	<b>90</b>



**CATEGORY-IE: CO-CURRICULAR, EXTENSION ACTIVITIES,  
PROFESSIONAL CONTRIBUTION AND CONTRIBUTION TO INSTITUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, category II API scores are prepared for co-curricular, extension activities, professional contribution and contribution to institutions. The minimum API required by teachers for eligibility for promotion is 35. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities are based on the proposed API score (as per 200) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee. The model table below gives groups of services and API scores.

S.NO	Nature of Activity	Max Score
A	Co-Curricular Extension Activities	40
B	Professional Contribution	35
C	Contribution To Institution	25
	<b>Total For Category- II (A+B+C) (40+35+ 25 )</b>	<b>100</b>

**CATEGORY-III: RESEARCH AND ALLIED CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are prepared for research and allied contributions. The minimum API score required by teachers from this category is different for different levels of promotion. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee. The maximum score for category III- 35%.



# NRI INSTITUTE OF TECHNOLOGY

NRIIT/1.5/P-01

## Faculty Self-Appraisal Form

Emp ID: 75401

### BIODATA OF TEACHING FACULTY

For the Period:

From	to	Year	to	to	to	to	to
------	----	------	----	----	----	----	----

SECTION - A      1 - 6 - 20      2013 - 2014

#### 1) GENERAL INFORMATION OF THE FACULTY

Name of the Faculty	MRIKSHI RAMA RAO	Designation	Assistant Professor
D.O.B (dd/mm/yy)	17/10/1969	Department	CIVIL
Date of Joining in NRIIT	8/5/13	Area of Specialization	Environmental Engrg.

#### 2) MOBILE NUMBER :

EMAIL ID : mallurao.1945@gmail.com

#### 3) QUALIFICATION (Degree/Diploma to highest Degree) :

Degree/Diploma	University	College	State	Class	Year of Passing
B.Tech	NLU	V V S BMSI	A.P	I	1989
M.F	PU	PU	A.P	I	1996

#### 4) Rank/Prizes/Medals won at College / University during education/in service

#### 5) Details of Additional Training / Faculty Improvement / Further Study undergone

PERIOD		Nature of Programme	Institute	Remarks
From	To			

#### 6) Total Experience :

Teaching at NRIIT : — Years — Months

Teaching at Outside:

(years)

Industrial :

(years)

Details: Teaching & Industrial Experience (outside NRIIT)

Period (y/m)	Status		Duration		No. of years	Name of the University / Institute / Organization
	Permanent	Temporary	From	To		

## SECTION - B

## CATEGORY-I : TEACHING, LEARNING AND EVALUATION

Sl. No.	Nature of Activity	Maximum Score	Self-Appraisal Score																					
1	Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)  <ul style="list-style-type: none"> <li>- Total number of lectures allocated <span style="float: right;">132</span></li> <li>- Number of lectures taken <span style="float: right;">110</span></li> </ul> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Sl. No.</th> <th>Course Code</th> <th>Course Name</th> <th>Year</th> <th>Sem</th> <th>Section</th> <th>Branch</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>FAC</td> <td>3/1</td> <td>1</td> <td>A</td> <td>JT</td> </tr> <tr> <td>2</td> <td></td> <td>EF</td> <td>3/1</td> <td>1</td> <td>A</td> <td>Chem</td> </tr> </tbody> </table>	Sl. No.	Course Code	Course Name	Year	Sem	Section	Branch	1		FAC	3/1	1	A	JT	2		EF	3/1	1	A	Chem	20	17
Sl. No.	Course Code	Course Name	Year	Sem	Section	Branch																		
1		FAC	3/1	1	A	JT																		
2		EF	3/1	1	A	Chem																		
2	Seminars, tutorials, practical, project work, mini project, viva, seminar paper, GD items undertaken as percentage of those actually allocated (100% compliance = 20 points)  <ul style="list-style-type: none"> <li>- Hours of material <span style="float: right;">39</span></li> <li>- Hours taken <span style="float: right;">28</span></li> </ul>	20	16																					
3	Imparting competencies as per course handbook (100% compliance = 10 points)	10	7																					
4	Proper Question paper setting and timely evaluation of answer scripts (100% compliance = 10 points)	10	9																					
5	Development of Question papers (Mid term, Assignment, Lab Exam), display of Answer, Submission of Marks in time to internal/continuing assessment (100% compliance = 10 points)	10	8																					
6	Attendance book and a register for Tutorials, Seminars, Project, Special duties etc (maximum = 10 depending upon frequency of duty)	10	8																					
7	Use of Innovative teaching - creating a method of use of ICT: a) IIT Based Teaching material, posting on e-learning site (4) b) Prepared and use of Power Point Presentation (3) c) Course Handout, Central organization & circular mail;	10	7																					
8	Work Student hours taken/ Remedial classes taken/ Group/Class/In-taken (each activity: 2 points for 10 hours and in proportion)	10	8																					
9	Student Performance Monitoring and reporting to parents/higher up and Student Counseling modules developed and implemented (1 mark for each student/issue)	10	6																					
10	Student Feedback (1st & 2nd) & Course-2 (100% feedback marks = 10 points in each course or section or in proportion)	20	16																					
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20	16																					
	<b>Total for CATEGORY-I</b>	<b>150</b>	<b>117</b>																					

**CATEGORY- II :**

**A) CO-CURRICULAR, EXTENSION ACTIVITIES**

1	Lecturing through guest lectures, popular lectures, subject related events, articles in college magazine and university journals, lectures, seminars, etc. (5 points each)	10	Not
2	Institutional Co-curricular activities for students such as field and residential tours, ERP training and placement activity. (5 pts) each	10	Not
3	Community Service, Social Orientation and other Student Monitoring Activities through NSS/CCB/ other Governmental and non Governmental channels. (Each activity 5 points)	10	Not
4	Workshops and Seminars for Students and Staff (Intra/Inter-departmental and inter-collegiate) organized / Co-ordinated. a) Inter-departmental : (1 point each) b) Inter-department : (2 points each) c) Inter-college : (3 points each) d) Inter-university : (5 points each)	5	Not
5	Workshops and Seminars for Students and Staff (Intra/Inter-departmental and inter-collegiate) organized / Co-ordinated. a) Inter-departmental : (1 point each) b) Inter-department : (2 points each) c) Inter-college : (3 points each) d) Inter-university : (5 points each)	5	Not

**B) PROFESSIONAL CONTRIBUTION**

-	India: Central Government responsibilities (to be completed each year) Principal / Dean / Director : 10 points each Chief Superintendent/Head of Department / IQAC coordinator : 6 points each Member of syndicate / Governing council : 10 points each Member of DoS/ Academic Council / Senate : 5 points each Member of other college/university level committees : 5 points each	10	5
2	Membership in professional related committees at State/ National/International level Symposia, Conferences, Workshops, etc. (only one time or the time of Training/Renewal as Member) a) At International level: (10 points each) b) At National level: (5 points each) c) At State level: (3 points each)	10	Not
3	Participation in Teacher Association meetings, Conferences, Seminars/workshops/symposium without paper presentation d) At International level: (5 points each) e) At National level: (3 points each) At State level: (2 points each)	5	Not
4	Participation in short term training courses (one week duration or above) in education, technology, curriculum development, professional development, Educational reforms, Institutional governance (International: 3 National: 4 State: 2 marks for each participation)	5	Not
5	Editorial Committee Member of Journals / Institutional Publications. International : 5 National : 4 State/College : 3 marks for each Journal/Publication of Association;	5	Not

**C) CONTRIBUTION TO INSTITUTION (each one 5 marks Maximum 25 Marks)**

1.	Involvement in Program design/ Curriculum design/ Academic Council Meeting (Only for members of Academic Council)	5	not
2.	Management of R&D/Research	5	not
3.	Management of Student welfare/ Faculty affairs	5	not
4.	Involvement in Institution Administration/ Development/ Special Projects.	5	not
5.	Constituted as a member of the Central Committees of the Institution	5	not
6.	Management of Examinations (In-charge of examinations in the Department. (This includes duty to act management hours no marks)	5	not
7.	Management of Academic/ Registrations/ Quality (Times or & Assoc Director Level only)	5	not
8.	Involvement in International Relations/ IUP (Visitor & Assoc Director Level only bringing MAF with international organization/ University etc.)	5	not
9.	Conducting as Director/ Co-ordinator / Seminar / Guest Lecture / Symposium / Workshop etc.	5	not
10.	Contribution to the Department as In-charge of _____ (In specific)	5	not
	<b>Sub-total (C)</b>	<b>25 Max.</b>	<b>5</b>
	<b>TOTAL For CATEGORY - II (A+B+C) (40+35+25)</b>	<b>100</b>	<b>5</b>

**CATEGORY III :**

**RESEARCH AND ALLIED CONTRIBUTIONS (Proofs to be attached only for Assessment period)**

SLNo.	Nature of Activity	Score	Self-Appraised Score.
1)	<b>Research Publications (Journals)</b>		
	Number of articles in referred Journals with impact factor 1.0 and below 5.0	50 <sup>0</sup> publication	not
	Number of articles in referred Journals with impact factor 5.1 and below 10.0	50 <sup>0</sup> publication	not
	Number of articles in referred Journals with impact factor less than 5.0	20 <sup>0</sup> publication	not
	Number of articles in journals without any impact factors	10 <sup>0</sup> publication	not
	Number of E-Papers in conference proceedings etc. (Abstracts are to be included) from ISBN/ISSN numbers.	10 <sup>0</sup> publication	not
	Single Author—100% weightage Two Authors—First Author-60% and Second Author-40% weightage Three Authors First Author 50% Second Author-30% Third Author-20% weightage		
2)	<b>Book Publications (books, in chapters in books, other than referred journal articles)</b>		
	a) Number of Text or Science Books Published by International Publishers with an established peer review system b) Number of chapters in edited books	50 <sup>0</sup> title OR 10 chapters in refereed books	not
	a) Number of Scientific Books by National level publishers / State and Central Govt. level with ISBN/ISSN numbers b) Number of chapters in edited books	25 <sup>0</sup> title author, and 5 chapters in edited books	not
3)	<b>Research Project - Sponsored Projects carried out/ ongoing</b>		
	a) Number of Major Projects sponsored with grants above 30.00 lakh	25 <sup>0</sup> title	not

		Project	
	b) Number of Major Projects and/or mobilized with grants above 50 lakhs up to 5000 lakhs	15 each major project	Not
	c) Number of Minor Projects from central/state funding agencies with grants below Rs.500 lakhs	10 each minor project	Not
4)	Consultancy Projects carried out / ongoing		
	Amount mobilized Rs-----	10 per crore mobilization	Not
5)	Sponsored Projects		
	a) Number of completed project Reports (Acceptance from funding agency) 20 each major project and 10 each minor project	20-10 each	Not
	b) Number of Patent/Technology transfer / Product / process (No. applicable in some cases) 30 each output or outcome for National patents, etc / 50 each for International patents etc.,	30-50 each	Not
6)	Guidance (Maximum 30 only)		
	e) M.Phil		
	Degree awarded No.	15 each candidate	Not
	Thesis submitted No.	10 each candidate	.
	f) Ph.D		
	Degree awarded No.	50 each candidate	Not
	Thesis submitted No.	25 each candidate	Not
	Thesis - No. of candidates (Maximum number 30 only)	10 each candidate	
7)	Training Programmes Conducted (as Convenor/ Co-Convenor/ Organizer)		
	a) Research Methodology course (not less than four weeks) / Workshops of not less than one week duration No.	20 each event	Not
	b) International conference / Seminar / Symposia No.	20 each event	Not
	c) National conference / Seminar / Symposia No.	10 each event	Not
	d) State / Govt / university / college level seminar / conferences / symposia No.	5 each	Not
8)	Paper Presentation - Papers in Conferences / Minisymposia / workshops etc.*		
	Participation and Presentation of Research papers (oral/poster) in		
	a) International / State / national level, No.	10 each	Not
	b) National, No.	10 each	Not
	c) Regional / State level No.	5 each	Not
	d) Govt - University / College level No.	3 each	Not
9)	Invitations for an foreign seminar/ workshops/ symposia to deliver lectures / author chair sessions		
	a. Number of International / Foreign Conference etc., No.	15 each	Not
	b. National, No.	10 each	Not

	c. State level Awards No.	50 each	not
	d. University/College level lectures No.	50 each	not

10)	<b>Awards - Honorary Designations</b>		
	a. Awards by Foreign universities / Accredited International Bodies No.	50 each	not
	b. National by UGC, CSIR, DST & other Government bodies and professional Academies like Bharatgar Award etc.,	50 each	not
	c. State/university level	20 each	not
	d. Regional / local	10 each	
11)	<b>Fellowship Titles</b>		
	a) Foreign Universities Nos.	25 each	not
	b) Indian National & other Academies like Fellow of Indian National Science Academy, INASO, IIS, IIT, IIT, IIST etc. Nos.	10 each	not
	c) Discipline specific National level Associations	5 each	not
12)	<b>Post- Doctoral Degrees</b>		
	D.Sc / DDF	50	not
	<b>Total for CATEGORY- III (Max)</b>	250	not

Signature of Faculty

**CATEGORY - IV :**

**HOD ASSESSMENT**

Sl.No.	Description of Parameters	Max Marks	Marks allotted
1)	Seniority	10	10
2)	Willingness to take up additional work.	10	10
3)	Relationship with students/Teens/ other stakeholders	5	5
4)	Work adjustment on leave	5	5
5)	Sincerity in Project based job production	5	5
6)	Sincerity in guiding Projects	5	5
7)	Satisfactory Academic Audit Report	5	5
8)	Contribution to Orientation Lecture	5	5
	<b>Total for CATEGORY- IV</b>	<b>50</b>	<b>50</b>
	<b>GRAND TOTAL :</b> Category ( I + II + III + IV) ( 150 + 100 + 250 + 50)	<b>550</b>	<b>172</b>

DESIGNATION	MAX SCORE
PROFESSOR	550
ASSOCIATE PROFESSOR	450
ASSISTANT PROFESSOR	300

Signature of the HOD

## GUIDE LINES AND INSTRUCTIONS

**PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (API) IN RECRUITMENT AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY / COLLEGE TEACHERS.**

### CATEGORY I: TEACHING, LEARNING AND EVALUATION

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 90. The self- assessment score should be based on objectively verifiable criteria whenever possible and will be finalized by the screening/selection committee.

S.No.	Nature of Activity	Mfex. Score
1	Lectures taken as percentage of lectures allocated as per schedule (100% compliance = 10 points for each course/section)	20
2	Seminars, tutorials, practicals, project hours, mini project hours, term paper hours, GP hours undertaken as percentage of those actual allocated (100% compliance = 20 points)	20
3	Learning curve analysis as per course handbook (100% compliance =10 points)	10
4	Proctor Question paper setting and in time completion of answer scripts (100% compliance = 10 points)	10
5	Submission of Question papers (Mid term, Assignment, Lab Exams), display of Answer Submission of Marks in time for internal/external assessment (100% compliance = 10 points)	10
6	Examination work such as Proctoring, Proctoring, Scrutiny, Giving Scribe duties etc. (maximum 10 depending upon intensity of duty)	10
7	Use of Innovative teaching - learning methodologies; use of ICT;	10
8	Week Student hours taken/ Remedial classes taken / Bridge Course hrs taken (Each activity: 5 points for 10 hours and in proportion)	10
9	Student Performance Monitoring and reporting to parents/ higher-ups and Student Counselling modules developed and imparted –(1 mark for each student/case)	10
10	Student Feedback (%) - Course-1 & Course-2 (100% feedback marks = 10 points in each course or section and in proportion)	20
11	Student Pass % - Course-1 & Course-2 (100% Pass = 10 points in each course or section and in proportion)	20
<b>Total for CATEGORY-1</b>		<b>150</b>
<b>Minimum API score required</b>		<b>90</b>



**CATEGORY II: CO-CURRICULAR, EXTENSION ACTIVITIES,  
PROFESSIONAL CONTRIBUTION AND CONTRIBUTION TO INSTITUTION**

**Brief Explanation:** Based on the teacher's self-assessment, category II API scores are proposed for co-curricular, extension activities, professional contribution and contribution to institution. The minimum API required by teachers for eligibility for promotion is 30. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores even a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities are broad enough for the minimum API score required (30) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee. The merit table below gives groups of activities and API scores.

S.NO	Nature of Activity	Max Score
A	Co-Curricular, Extension Activities	40
B	Professional Contribution	35
C	Contribution to Institution	25
	<b>Total For Category- II (A+B+C) (40+35+ 25 )</b>	<b>100</b>

**CATEGORY-III: RESEARCH AND ALLIED CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for research and allied contributions. The minimum API score required by teachers even this category is different for different levels of promotion. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee. The maximum score for category III is 250.

## ACADEMIC PERFORMANCE INDICATORS

## CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

- (i) Lectures, Seminars, Tutorials, Practicals , Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1.	<b>B.TECH/ MECHANICS OF MATERIALS (II-I-A)</b>	UG	Chalk& Board & PPT	6 (L)	100
2.	<b>B.TECH/ MECHANICS OF MATERIALS (II-I-B)</b>	UG	Chalk& Board & PPT	6 (L)	100
3.	<b>B.TECH/ FLUID MECHANICS AND HYDRAULIC MACHINES (II-II-A)</b>	UG	Chalk& Board & PPT	6 (L)	100
4.	<b>B.TECH/ FLUID MECHANICS AND HYDRAULIC MACHINES (II-II-B)</b>	UG	Chalk& Board & PPT	6 (L)	100

Lecture (L) Seminars (S), Tutorials ( T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	---

- ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consul ted	Prescribed	Additional Resource provided
1.	<b>B.TECH/ MECHANICS OF MATERIALS-I-SEM</b>	---	1. Solid Mechanics, by Popov 2. Strength of materials /GH Ryder/ Mc Millan publishers India Ltd. 3. Strength of Materials by S. Ramamrutham, R. Narayanan 4. Strength of materials by R.K. Bansal 5. Strength of materials by R.K. Rajput, S. Chand & Co, New Delhi	1. JNTUK-COEERD website 2. NPTEL 3. Material Provided (Hard copy)
2.	<b>B.TECH/ FLUID MECHANICS AND HYDRAULIC MACHINES- II-SEM</b>	---	1. Hydraulics, Fluid mechanics and Hydraulic machinery – Modi& Seth 2. Fluid Mechanics and Hydraulic Machines – Rajput 3. Fluid Mechanics and Hydraulic Machines – RK Bansal 4. Hydraulic Machines – Banga& Sharma	3. JNTUK-COEERD website 4. NPTEL 3. Material Provided (Hard copy)
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				<b>API Score</b>
				20

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

S.No	Short Description	API Score
1.	PPT Presentation	7.5
2	Video's Presentation	7.5
	<b>Total Score (Max. Score : 20)</b>	15

iv) Examination Duties Assigned and Performed

S.No	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
1	Monitoring all Internal Examination Duties	Scheduled and Assigned all Internal Examination Duties to faculty.	100	6
2	Monitoring all External Examination Duties	Scheduled and Assigned all External Examination Duties to faculty	100	7
3	Monitoring all Internal Lab Examination Duties	Scheduled and Assigned all Internal Lab Examination Duties to faculty	100	6
4	Monitoring all External Lab Examination Duties	Scheduled and Assigned all External Lab Examination Duties to faculty	100	6
	<b>Total Score (Max.25)</b>			25

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES**

S.No.	Type of Activity	Average Hrs./Week	API Score
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
1	Conducted Industrial Visits for II B Tech	2	7

	Students, Seminars and workshops		
2	Conducted Industrial Visits for III B Tech Students, Seminars and workshops	2	7
3	Conducted Industrial Visits for IV B Tech Students, Seminars and workshops	2	6
	---	---	---
	<b>Total (Max. 20)</b>	---	20
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
1	Head of the Department	Monitoring all administrative duties in the Department	3
2	<b>NBA</b>	Monitoring all NBA activities in the department	4
3	<b>Research Center</b>	Encouraging faculty to pursue Ph D.	4
4	<b>ISO</b>	Monitoring all ISO activities in the department	4
	<b>Total (Max. 15)</b>	---	15
	<b>(iii) Professional Development Activities</b>		
1	<b>IAENG (INTERNATIONAL ASSOCIATION OF ENGINEERS)</b>	Member Number: 186551	7.5
	<b>SAISE (SOUTH ASIA INSTITUTE Of SCIENCE AND ENGINEERING)</b>	Member Number: 20170222002S	7.5
	<b>Total (Max. 15)</b>	---	15
	<b>Total Score ( i + ii + iii) (Max. 50)</b>	---	50

**CATEGORY III : (Research, Publications & Academic Contributions)**

**Note : Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed.	No. of Coauthors	Whether you are the main	API Score
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				<b>Impact factor, if any</b>		<b>author</b>	
<b>1</b>	Parametric Optimization for Performance and Emissions of an IDI Engine with Mahua Biodiesel	Egyptian Journal of Petroleum, (Publisher-Elsevier-Indexed by Scopus)	1110-0621	peer reviewed Journal	1	Yes	9
<b>2</b>	IDI Diesel Engine Performance and Exhaust Emission analysis using Biodiesel with an Artificial Neural Network (ANN)	Egyptian Journal of Petroleum (Publisher-Elsevier-Indexed by Scopus)	1110-0621	peer reviewed Journal	3	Yes	9
<b>3</b>	Parametric Optimization for performance and emissions of DI diesel engine with Mahua biodiesel along with Diethyl ether as an additive	Biofuels. Publisher- Taylor and Frances- Indexed by Scopus)	1759-7269	peer reviewed Journal	1	Yes	9
<b>4</b>	Experimental Investigation on Cylinder Vibration analysis, Combustion, Emission and Performance of an IDI Engine	International Journal of Manufacturing, Materials and mechanical Engineering Publisher- IGI Global, Indexed by Scopus).	2156-1680	peer reviewed Journal	1	Yes	9
<b>5</b>	Parametric Optimization for performance and emissions of DI diesel engine with Mahua biodiesel along with Diethyl ether as an additive	Biofuels, Publisher- Taylor and Frances- Indexed by Scopus)	1759-7269	peer reviewed Journal	1	Yes	9

6	Experimental Investigation on Performance and Emission Characteristics of a DI Diesel Engine Fuelled With Rice Bran Oil Methyl Ester and Methanol as an additive	International Journal of Chem Tech Research, Volume-9, Number 3, pp: 258-266, Publisher- Sphinx Knowledge House, (Indexed by Scopus)	0974-4290	peer reviewed Journal	2	yes	9
7	Multi-Response Optimization of DI Diesel Engine Performance Parameters using Karanja Methyl Ester by Applying Taguchi based Principal Component Analysis (PCA)	Biofuels, Volume-8, Number 1, pp: 49-57, Publisher- Taylor and Frances- Indexed by Scopus)	1759-7269	peer reviewed Journal	3	no	6
8	Experimental investigation on combustion, emissions, performance and cylinder vibration analysis of an IDI engine with RBME along with Isopropanol as an additive	Biofuels, Publisher- Taylor and Frances- Indexed by Scopus)	1759-7269	peer reviewed Journal	3	no	6
9	Performance Evaluation of Diesel Engine with Biodiesel along with additive for Replacing Diesel Fuel.,	International Journal of Chemical Sciences, Volume-14, Number 4, pp: 2379-2388, Publisher- Sadguru Publications., (Indexed by Scopus)	0972-768X	peer reviewed Journal	1	yes	9

10	Heat release rate and engine vibration correlation to investigate combustion propensity of an IDI engine run with biodiesel (MME) and methanol additive as an alternative to diesel fuel	Biofuels, Volume-6, Number 1-2, pp: 45-54, Publisher-Taylor and Frances-Indexed by Scopus)	1759-7269	peer reviewed Journal	2	yes	9
11	Performance and emission characteristics of an indirect diesel injection engine fueled with Mahua methyl ester and methanol as an additive	Biofuels, Volume-5, Number 4, pp: 369-378, Publisher-Taylor and Frances-Indexed by Scopus)	1759-7269	peer reviewed Journal	1	yes	9
12	Four Wheel Steering System with Movable Head Lights by using Rack and Pinion Mechanism	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume-9, Number 1, pp: 639-652, Publisher-Trans Stellar, (Indexed by Scopus).	2249-6890	peer reviewed Journal	2	yes	9

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1	----	-----	---	---	---	---	---
---	---	---	---	---	---	---	---

**B (ii) Full papers in Conference Proceedings**

S.No.	Title with page no.	Details of conference	ISSN / ISBN No.	No. of Co-authors and	Whether you are	API Score
-------	---------------------	-----------------------	-----------------	-----------------------	-----------------	-----------

		<b>Publications</b>		<b>date of publication</b>	<b>the main author</b>	
<b>1</b>	---	---	---	---	---	---
<b>2</b>	---	---	---	---	---	---

**B. (iii) Books published as single author or as editor**

<b>S.No.</b>	<b>Title with page no.</b>	<b>Type of Book &amp; Authorship</b>	<b>Publisher ISSN / ISBN No.</b>	<b>Whether peer reviewed</b>	<b>No. of Co author and date of publications</b>	<b>Whether you are the main author</b>	<b>API Score</b>
<b>1</b>	Some studies on IDI Engine with Biofuels,	Science and Technology, sole author	Scholars press, Germany, ISBN: 978-3-659-83648-0.	yes	Nil, 2016	yes	50
<b>2</b>	---	---	---	---	---	---	---

**C ( i & ii) Ongoing Research projects and consultancies**

<b>S.No</b>	<b>Title</b>	<b>Agency</b>	<b>Period</b>	<b>Grant/Amount Mobilized (Rs Lakhs)</b>	<b>API Score</b>
	---	---	---	---	---
	---	---	---	---	---

**C ( iii & iv) Completed Projects and Consultancies**

<b>S.No</b>	<b>Title</b>	<b>Agency</b>	<b>Period</b>	<b>Grant/Amount Mobilized (Rs Lakhs)</b>	<b>Whether Policy Documents / Patent as outcome</b>	<b>API Score</b>
	---	---	---	---	---	---
	---	---	---	---	---	---

**(D) Research Guidance**

<b>S.No</b>	<b>Number Enrolled</b>	<b>Thesis Submitted</b>	<b>Degree Awarded</b>	<b>API Score</b>
<b>M.Phil or Equivalent</b>	M.Tech, 4	submitted	awarded	12
<b>Ph.D or Equivalent</b>	---	---	---	---



**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1	One week Faculty Development Programme	27th November – 2nd December, 2017.	Sasi Institute of Technology & Engineering, Tadepalligudem	10
2	Three –day Faculty Development Program on “Role of Faculty Institutional Buildings”	20th to 22nd Novemb-2018.	Eswar College of Engineering- Narasaraopet	5
3	Two week Staff Development Programme on “Clean Process Technologies” (CPT2K12)	2 <sup>nd</sup> to 14 <sup>th</sup> April - 2012	GMRIT, Rajam sponsored by AICTE,	20
4	Two week Staff Development Programme on “Evolving Challenges in Energy and Environment (ECEE2K-10)	19 <sup>th</sup> April to 1 <sup>st</sup> May-2010	GMRIT, Rajam, sponsored by AICTE.	20
5	Three Day National Workshop on “Ship, off shore and Port Structures”	28th to 30th March, 2011	ANDHRA UNIVERSITY, Visakhapatnam.	5
6	Three Day National Workshop on “Mechanical & Marine Systems Design	28th to 30th October, 2010	ANDHRA UNIVERSITY, Visakhapatnam	5

**E (ii) Papers presented in Conferences, Seminars, Workshops, Symposia**

S.No	Title of the paper presented	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State/Regional / University or college Level	API Score
1	The six sigma approach to reduce no. of cobbles in break down mill.	International Conference on redefining business horizons	2008	IMT, Ghaziabad, Delhi	International	10

2	CFD Analysis over the wind shield of a two wheeler to enhance the comfortability of the Rider at Higher Speeds	International Conference on recent trends in materials and mechanical engg&Technology	18th to 20th, December 2008	Dr. Maralinga College of Engg., Pollachi Chennai.	International	10
3	Intelligence System for Optimal Fuel supplier selection for forecasted power by using AHP&MRA	International conference on contemporary research and development business and information Technology	25th & 26th Feb.2010	IMT, Ghaziabad	International	10
4	Experimental studies on a DI -CI engine run with Mahua methyl ester injection and methanol carburetion	International conference on Recent Advances and challenges in Energy -RACE	04th - 6th January 2012,	Manipal, Karnataka	International	10

**E (iii) Invited Lectures and Chairmanships at National or international Conference / Seminars**

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State	API Score
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	---	---	---	---	---	---

**SUMMARY OF API SCORES**

<b>S.No</b>	<b>Criteria</b>	<b>Last Academic Year</b>	<b>Total – API Score for Assessment period</b>	<b>Annual Av. API Assessment period</b>
<b>I</b>	<b>Teaching, Learning and Evaluation related activities</b>	<b>95</b>	<b>110</b>	<b>102.5</b>
<b>II</b>	<b>Co-curricular, Extension, professional development etc.,</b>	<b>43</b>	<b>50</b>	<b>46.5</b>
	<b>Total I + II</b>	<b>138</b>	<b>160</b>	<b>149</b>
<b>III</b>	<b>Research and Academic Contribution</b>	<b>200</b>	<b>269</b>	<b>234.5</b>

# Guide lines and Instructions

## PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (APIs) IN RECRUITMENTS AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY / COLLEGE TEACHERS.

### CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 75. The self- assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

Universities will be required to detail the activities and in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

S.No.	Nature of Activity	Maximum Score
1	Lectures, seminars, tutorials, practicals, contact hours undertaken taken as percentage of lectures allocated	50
2	Lectures or other teaching duties in excess of the UGC norms	10
3	Preparation and Imparting of knowledge / instruction as per curriculum; syllabus enrichment by providing additional resources to students	20
4	Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc	20
5	Examination duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment.	25
	<b>Total Score</b>	<b>125</b>
	<b>Minimum API Score Required</b>	<b>75</b>

Note: Lectures and tutorials allocation to add up to the UGC norm for particular category of teacher. University may prescribe minimum cut-off (net of due leave), say 80 %, for 1 and 5 above, below which no scores may be assigned in these sub-categories.

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.**

**Brief Explanation:** Based on the teacher’s self-assessment, category II API scores are proposed for co-curricular and extension activities; and Professional development related contributions. The minimum API required by teachers for eligibility for promotion is 15. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities is broad enough for the minimum API score required (15) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee.

The model table below gives groups of activities and API scores. Universities may detail the activities or, in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

<b>S.No.</b>	<b>Nature of Activity</b>	<b>Maximum Score</b>
<b>1</b>	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC other channels, cultural activities, subject related events, advisement and counseling)	<b>20</b>
<b>2</b>	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities	<b>15</b>
<b>3</b>	Professional Development activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination and general articles, not covered in Category III below)	<b>15</b>
<b>4</b>	<b>Minimum API Score Required</b>	<b>15</b>

**CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for research and academic contributions. The minimum API score required by teachers from this category is different for different levels of promotion and between university and colleges. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee.

S.No.	API's	Engineering/Agriculture/ Veterinary Science/Sciences/Medical Science	Faculties of Languages Arts/Humanities/Social Sciences/Library/ Physical education/Management	Max. points for University and college teacher position
III A	Research Papers published in	Refereed Journals*	Referred Journals*	15/publication
		Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	Non –refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	10/publication
		Conference proceedings as full papers etc. (Abstracts not to be included)	Conference proceedings as full papers etc. (Abstracts not to be included)	10/publication
III B	Research Publications (books chapters in books, other than refereed journal articles	Text of Reference Books Published by International Publishers	Text or Reference Books Published by International Publishers with an established peer review system	50/sole author, 10/chapter in an edited book
		Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	25sole author and 5/ chapter in edited books
		Subject Books by other local publishers with ISBN/ISSN numbers.	Subject Books buy other local publishers with ISBN/ISSN numbers.	15/sole author, and 3/chapter in edited books
		Chapters contributed to edited knowledge based volumes published by International	Chapters contributed to edited knowledge based volumes published by International	10/ Chapter
		Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	5/Chapter
III (C)	<b>RESEARCH PROJECTS</b>			
III (C) i	Sponsored Projects carried out/ongoing	(a) Major Projects amount mobilized with grants above 30.0 lakhs	Major Projects amount mobilized with grants above 5.0 lakhs	20/ each Project
		(b) Major Projects amount mobilized with grants about 5.0 lakshs up to 30.0 lakshs	Major Projects amount mobilized with grants above 3.0 lakhs up to Rs. 5.00 lakhs	15/each Project
		(c) Minor Projects (Amount	Minor Projects (Amount	10/each Project

		mobilized with grants about Rs. 50,000 up to Rs. 5 lakh)	mobilized with grants above Rs. 25,000 up to Rs. 3 lakh)	
III (C) ii	Consultancy Projects	Amount mobilized with carried out /ongoing	Amount mobilized with Minimum of Rs. 10.00 lakh	10 per every Rs. 10.0 lakhs and Rs. 2.0 lakhs, respectively
III (C) iii	Completed projects : Quality Evaluation	Completed projects Report (Acceptance from funding agency)	Completed projects Report (Acceptance from funding agency)	20 /each major project and 10/each minor project
III (C) iv	Projects Outcome/Outputs	Patent /Technology transfer/Product/ Process	Major Policy document of Govt. Bodies at Central and Stage level	30/each national level output or patent /50/each for International level,
III (D)	<b>RESEARCH GUIDANCE</b>			
III (D) i	M.Phil	Degree awarded only	Degree awarded only	3/each candidate
III (D) ii	Ph.D	Degree awarded only	Degree awarded only	10/each candidate
		Thesis submitted	Thesis submitted	7/each candidate
III (E)	<b>TRAINING COURSES AND CONFERENCE /SEMINOR /WORKSHOP PAPERS</b>			
III (E) i	Refresher courses, Methodology workshops, Training Teaching – Learning Evaluation Technology Programmers, Soft Skills development Programmers, Faculty Development Programmes (Max.30 points)	(a)Not less than two weeks duration	(b) Not less than two weeks duration	20/ each
		(b) One week duration	(b) One week duration	10/each
III (E) ii	Papers in Conferences /Seminars /workshops etc.,	Participation and Presentation or research papers (oral /poster) in	Participation and Presentation or research papers (oral /poster) in	
		a) International conference	a) International conference	10 each
		b) National conference	b) National	7.5/each
		c) Regional /State level	c)Regional /State level	5 each
		d)Local –University /College level	d) Local-University /College level	3/ each
III (E) iii	Invited lectures or presentations for conferences / symposia	(a) International	(a) International	10/each
		(b) National level	(b) National level	5

\*Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) indexed journals – by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 25 points.

\*\* If a paper presented in Conference/Seminar is published in the form of Proceedings, the points would accrue for the publication (III (a)) and not under presentation (III (e)(ii)).

**Notes.**

1. It is incumbent on the Coordination Committee proposed in these Regulations and the University to prepare and publicize within six months subject-wise lists of journals, periodicals and publishers under categories IIIA and B. Till such time, screening/selection committees will assess and verify the categorization and scores of publications.
2. The API for joint publications will have to be calculated in the following manner: of the total score for the relevant category of publication by the concerned teacher, the first/Principal author and the corresponding author/supervisor/mentor of the teacher would share equally 60% of the total points and the remaining 40% would be shared equally by all other authors.

# NRI INSTITUTE OF TECHNOLOGY

## ACADEMIC PERFORMANCE INDICATORS

Name of the Faculty: R.VIJAY KRISHNA

Dept.: Mechanical Engineering

### CATEGORY:I. TEACHING, LEARNING AND EVALUTION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	B.TECH/ FM&HM – I Sem	UG	THEORY	6 (L)	100
2	B.TECH/ FM&HM – I Sem	UG	THEORY	6 (L)	100
3	B.TECH/ PPC – II Sem	UG	THEORY	6 (L)	100
4	B.TECH/ PPC – II Sem	UG	THEORY	6 (L)	100
5	B.TECH/ CAD/CAM – I Sem	UG	THEORY	6 (L)	100
6	B.TECH/ CAD/CAM – I Sem	UG	THEORY	6 (L)	100

Lecture (L) Seminars (S), Tutorials ( T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	-----

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1	B.TECH/ FM&HM – I Sem	-----	<ol style="list-style-type: none"> <li>1. Hydraulics, Fluid mechanics and Hydraulic machinery – Modi&amp; Seth</li> <li>2. Fluid Mechanics and Hydraulic Machines – Rajput</li> <li>3. Fluid Mechanics and Hydraulic Machines – RK Bansal</li> <li>4. Hydraulic Machines – Banga&amp; Sharma</li> </ol>	<ol style="list-style-type: none"> <li>1. JNTUK-COEERD website</li> <li>2. NPTEL</li> <li>3. Department website</li> </ol>
2	B.TECH/ PPC – II Sem	-----	<ol style="list-style-type: none"> <li>1. Elements of Production Planning and Control / Samuel Eilon</li> <li>2. Manufacturing, Planning and Control, PartikJonssonStig-Arne Mattsson, TataMcGrawHill</li> <li>3. Production Planning and Control, Mukhopadyay, PHI</li> <li>4. Production Control / Moore.</li> </ol>	<ol style="list-style-type: none"> <li>1. JNTUK-COEERD website</li> <li>2. NPTEL</li> <li>3. Department website</li> <li>4. MIT Opencourseware</li> </ol>
3	B.TECH/ CAD/CAM – I Sem	-----	<ol style="list-style-type: none"> <li>1. CAD / CAM / CAE E Zimmers&amp;M.Groover/Pearson Education</li> <li>2. Automation, Production systems &amp; Computer integrated Manufacturing/ Groover/P.E</li> <li>3. CAD / CAM Theory and Practice / Ibrahim</li> </ol>	<ol style="list-style-type: none"> <li>1. JNTUK-COEERD website</li> <li>2. NPTEL</li> <li>3. Department website</li> <li>4. MIT</li> </ol>



			Zeid / TMH	Opencourseware
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				<b>API Score</b>
				<b>15</b>

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

S.No	Short Description	API Score
1	Ansys Software Training – CADDesk	<b>10</b>
2	Enhancing Teaching Skills	<b>10</b>
<b>Total Score (Max. Score : 20)</b>		<b>20</b>

iv) Examination Duties Assigned and Performed

S.No	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
<b>1</b>	<b>University External Examinations</b>	<b>Squad, Spot Valuator &amp; Observer</b>	<b>100</b>	<b>10</b>
<b>2</b>	<b>Mid Examinations</b>	<b>Question Paper Setting, Evaluation Of Answer Scripts, Scheme Preparation</b>	<b>100</b>	<b>15</b>
<b>Total Score (Max.25)</b>				<b>25</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT**

**RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	(i) Extension, Co-curriculum & Field based activities.		
<b>1</b>	<b>Project Guide: Fabricated In-house Project works for final year students&amp; M.Tech Student</b>	<b>4</b>	<b>10</b>
<b>2</b>	<b>Department Website Design &amp; Maintenance</b>	<b>10</b>	<b>5</b>
<b>3</b>	<b>Entrepreneurship Skills Enhancement</b>	<b>10</b>	<b>5</b>
	<b>Total (Max. 20)</b>		<b>20</b>
	(ii) Contribution to Corporate Life and Management of the Institution	Yearly/Semester wise responsibility	API Score
<b>1</b>	<b>Institution ISO In-charge&amp; M.R</b>	*****	<b>5</b>
<b>2</b>	<b>Internal Quality Assurance Committee (I.Q.A.C) Coordinator for Institution</b>	*****	<b>5</b>
<b>3</b>	<b>E-Cell &amp; V.I.H Coordinator for Institution</b>	*****	<b>5</b>
	<b>Total (Max. 15)</b>		<b>15</b>
	(iii) Professional Development Activities		
<b>1</b>	<b>IAENG (INTERNATIONAL ASSOCIATION OF ENGINEERS)</b>	<b>Lifetime Member : 177411</b>	<b>5</b>
<b>2</b>	<b>ISRD (INTERNATIONAL SOCIETY FOR RESEARCH AND DEVELOPMENT)</b>	<b>Lifetime Member: M4150902760</b>	<b>5</b>
<b>3</b>	<b>SAISE (SOUTH ASIA INSTITUTE Of SCIENCE AND ENGINEERING) -</b>	<b>Lifetime Member : 20171026001</b>	<b>5</b>
	<b>Total (Max. 15)</b>		<b>15</b>
	<b>Total Score ( i + ii + iii) (Max. 50)</b>		<b>50</b>

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
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**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
	----	----	----	----	----	----	----

**B (ii) Full papers in Conference Proceedings**

S.No.	Title with page no.	Details of conference Publications	ISSN / ISBN No.	No. of Co-authors and date of publication	Whether you are the main author	API Score
	----	----	----	----	----	----

**B. (iii) Books published as single author or as editor**

S.No.	Title with page no.	Type of Book & Authorship	Publisher ISSN / ISBN No.	Whether peer reviewed	No. of Co author and date of publications	Whether you are the main author	API Score
	----	----	----	----	----	----	----

**C (i& ii) Ongoing Research projects and consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	API Score
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**C (iii& iv) Completed Projects and Consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	Whether Policy Documents / Patent as outcome	API Score
1	<b>Entrepreneurship Awareness Camp</b>	<b>DST-NIMAT 2018-19</b>	<b>03 Days each for 03 Camps (Total 9 Days)</b>	<b>0.6 Lakhs</b>	<b>Policy Documented</b>	<b>20</b>
2	<b>Entrepreneurship Awareness Camp</b>	<b>DST-NIMAT 2019-20</b>	<b>03 Days each for 03 Camps (Total 9 Days)</b>	<b>0.4 Lakhs</b>	<b>Policy Documented</b>	<b>20</b>

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent	01	Yes	M.Tech	03
Ph.D or Equivalent	----	----	----	----

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1	Anslys Software	1 month	CADDesk	20
2	Faculty Development Programme	03 Days	ALIET (Loyola College)	05
3	Two Days Workshop – Outcome Based Education	02Days	NRIT	03
4	Two Days Workshop – NBA Awareness Program	02 Days	NRIT	03
5	Faculty Development Programme – IQAC	02Days	NRIT	05
6	Entrepreneurship Leadership Workshop – APSSDC	01 Day	KLU	05

**E (ii) Papers presented in Conferences, Seminars, Workshops, Symposia**

S.No	Title of the paper presented	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State/Regional / University or college Level	API Score
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**E (iii) Invited Lectures and Chairmanships at National or international Conference / Seminars**

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State	API Score
----	----	----	----	----	----	----

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I	Teaching, Learning and Evaluation related activities	98	110	
II	Co-curricular, Extension, professional development etc.,	45	50	
	<b>Total I + II</b>	<b>143</b>	<b>160</b>	
III	Research and Academic Contribution	30	84	

Signature of the Faculty

Signature of the HoD

Date:

# Guide lines and Instructions

## PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (APIs) IN RECRUITMENTS AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY / COLLEGE TEACHERS.

### CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 75. The self- assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

Universities will be required to detail the activities and in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

S.No.	Nature of Activity	Maximum Score
1	Lectures, seminars, tutorials, practical's, contact hours undertaken taken as percentage of lectures allocated	50
2	Lectures or other teaching duties in excess of the UGC norms	10
3	Preparation and Imparting of knowledge / instruction as per curriculum; syllabus enrichment by providing additional resources to students	20
4	Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc	20
5	Examination duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment.	25
	<b>Total Score</b>	<b>125</b>
	<b>Minimum API Score Required</b>	<b>75</b>

Note: Lectures and tutorials allocation to add up to the UGC norm for particular category of teacher. University may prescribe minimum cut-off (net of due leave), say 80 %, for 1 and 5 above, below which no scores may be assigned in these sub-categories.

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED  
ACTIVITIES.**

**Brief Explanation:** Based on the teacher's self-assessment, category II API scores are proposed for co-curricular and extension activities; and Professional development related contributions. The minimum API required by teachers for eligibility for promotion is 15. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities is broad enough for the minimum API score required (15) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee.

The model table below gives groups of activities and API scores. Universities may detail the activities or, in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

<b>S.No.</b>	<b>Nature of Activity</b>	<b>Maximum Score</b>
<b>1</b>	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC other channels, cultural activities, subject related events, advisement and counseling)	<b>20</b>
<b>2</b>	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities	<b>15</b>
<b>3</b>	Professional Development activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination and general articles, not covered in Category III below)	<b>15</b>
<b>4</b>	<b>Minimum API Score Required</b>	<b>15</b>

**CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for research and academic contributions. The minimum API score required by teachers from this category is different for different levels of promotion and between university and colleges. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee.

S.No.	API's	Engineering/Agriculture/ Veterinary Science/Sciences/Medical Science	Faculties of Languages Arts/Humanities/Social Sciences/Library/ Physical education/Management	Max. points for University and college teacher position
III A	Research Papers published in	Refereed Journals*	Referred Journals*	15/publication
		Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	Non –refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	10/publication
		Conference proceedings as full papers etc. (Abstracts not to be included)	Conference proceedings as full papers etc. (Abstracts not to be included)	10/publication
III B	Research Publications (books chapters in books, other than refereed journal articles	Text of Reference Books Published by International Publishers	Text or Reference Books Published by International Publishers with an established peer review system	50/sole author, 10/chapter in an edited book
		Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	25sole author and 5/ chapter in edited books
		Subject Books by other local publishers with ISBN/ISSN numbers.	Subject Books buy other local publishers with ISBN/ISSN numbers.	15/sole author, and 3/chapter in edited books
		Chapters contributed to edited knowledge based volumes published by International	Chapters contributed to edited knowledge based volumes published by International	10/ Chapter
		Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	5/Chapter
III (C)	<b>RESEARCH PROJECTS</b>			
III (C) i	Sponsored Projects carried out/ongoing	(a) Major Projects amount mobilized with grants above 30.0 lakhs	Major Projects amount mobilized with grants above 5.0 lakhs	20/ each Project
		(b) Major Projects amount mobilized with grants about 5.0 lakshs up to 30.0 lakshs	Major Projects amount mobilized with grants above 3.0 lakhs up to Rs. 5.00 lakhs	15/each Project
		(c) Minor Projects (Amount	Minor Projects (Amount	10/each Project

		mobilized with grants about Rs. 50,000 up to Rs. 5 lakh)	mobilized with grants above Rs. 25,000 up to Rs. 3 lakh)	
III (C) ii	Consultancy Projects	Amount mobilized with carried out /ongoing	Amount mobilized with Minimum of Rs. 10.00 lakh	10 per every Rs. 10.0 lakhs and Rs. 2.0 lakhs, respectively
III (C) iii	Completed projects : Quality Evaluation	Completed projects Report (Acceptance from funding agency)	Completed projects Report(Acceptance from funding agency)	20 /each major project and 10/each minor project
III (C) iv	Projects Outcome/Outputs	Patent /Technology transfer/Product/ Process	Major Policy document of Govt. Bodies at Central and Stage level	30/each national level output or patent /50/each for International level,
III (D)	<b>RESEARCH GUIDANCE</b>			
III (D) i	M.Phil	Degree awarded only	Degree awarded only	3/each candidate
III (D) ii	Ph.D	Degree awarded only	Degree awarded only	10/each candidate
		Thesis submitted	Thesis submitted	7/each candidate
III (E)	<b>TRAINING COURSES AND CONFERENCE /SEMINOR /WORKSHOP PAPERS</b>			
III (E)i	Refresher courses, Methodology workshops, Training Teaching – Learning Evaluation Technology Programmers, Soft Skills development Programmers, Faculty Development Programmes (Max.30 points)	(a)Not less than two weeks duration	(b) Not less than two weeks duration	20/ each
		(b)One week duration	(b)One week duration	10/each
III (E) ii	Papers in Conferences /Seminars /workshops etc.,	Participation and Presentation or research papers (oral /poster) in	Participation and Presentation or research papers (oral /poster) in	
		a) International conference	a) International conference	10 each
		b) National conference	b) National	7.5/each
		c) Regional /State level	c)Regional /State level	5 each
		d)Local –University /College level	d) Local-University /College level	3/ each
III (E) iii	Invited lectures or presentations for conferences / symposia	(a) International	(a) International	10/each
		(b) National level	(b) National level	5

\*Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) indexed journals – by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 25 points.

\*\* If a paper presented in Conference/Seminar is published in the form of Proceedings, the points would accrue for the publication (III (a)) and not under presentation (III (e)(ii)).

**Notes.**

1. It is incumbent on the Coordination Committee proposed in these Regulations and the University to prepare and publicize within six months subject-wise lists of journals, periodicals and publishers under categories IIIA and B. Till such time, screening/selection committees will assess and verify the categorization and scores of publications.
2. The API for joint publications will have to be calculated in the following manner: of the total score for the relevant category of publication by the concerned teacher, the first/Principal author and the corresponding author/supervisor/mentor of the teacher would share equally 60% of the total points and the remaining 40% would be shared equally by all other authors.



## ACADEMIC PERFORMANCE INDICATORS

## CATEGORY: I. TEACHING, LEARNING AND EVALUTION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hours per week allotted	% of classes taken as per documented record
1	Design of Machine Members - II	3 <sup>rd</sup> year Ist sem	Chack & talk , ppt, videos,	5	100%
2	Mechanics of Material	2 <sup>nd</sup> year Ist sem	Chack & talk , ppt,	5	100%
3	Design of Machine Members - I	2 <sup>nd</sup> year IInd sem	Chack & talk , ppt, videos,	5	100%
4	Theory Machines Lab	3 <sup>rd</sup> year Ist sem	Demonstration, Explation & conducting experiment	6	100%
5	Metrology and I & C Lab	3 <sup>rd</sup> year Ist sem	Demonstration, Explation & conducting experiment	6	100%
6	Fluid Mechanics Lab	2 <sup>nd</sup> year IInd sem	Demonstration, Explation & conducting experiment	6	100%

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				<b>API Score</b>

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

S.No	Short Description	API Score
	<b>Total Score (Max. Score : 20)</b>	

iv) Examination Duties Assigned and Performed

S.No	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
1	University exams	Chief Superdent	100%	
2	Dept. exams	Dept. exams I/c	100%	
3	Question paper setting	Outside colleges	100%	
4	Spot valuation	Outside colleges	100%	
	<b>Total Score (Max.25)</b>			<b>25</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1</b>	Student counseling, guiding students to publish paper.	<b>3</b>	
<b>2</b>	<b>Giving just lecture in outside colleges</b>		
	<b>Total (Max. 20)</b>		<b>10</b>
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
	<b>Total (Max. 15)</b>		
	<b>(iii) Professional Development Activities</b>		
	<b>Total (Max. 15)</b>		
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		<b>10</b>

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

S.No.	Title with page no.	Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthors	Whether you are the main author	API Score
1	Estimation of Reduced Stiffness under the Influence of Crack in a Beam	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus ISSN: 2278-3075		4	y	
2	DEVELOPMENT OF AN EXPERT SYSTEM FOR DIAGNOSIS OF BEARING FAULTS OF ROTATING COMPONENTS IN A POWER PLANT	ARPN Journal of Engineering and Applied Sciences VOL. 11, NO. 17,	Scopus ISSN 1819-6608		3	y	
3	Prediction of Bearing Faults of Induced Draught Fan Using Vibration Response	CJBAS Vol:3 No:1		Impact Factor (0.199)	3	y	
4	Development	IJCRR		Impact	4	y	

	of An Expert System For Diagnosis of Bearing Faults of Rotating Machinery With A Case Study On Boiler Feed Pump	Vol:4,No:7		Factor (0.166)			
5	Crack Detection In Beams From The Differences In Curvature Mode Shapes	Journal of Structural Engineering, Vol. 39, No.2	(Scopus) 55293715400		3	N	

**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							

**B (ii) Full papers in Conference Proceedings**

S.No.	Title with page no.	Details of conference Publications	ISSN / ISBN No.	No. of Co-authors and date of publication	Whether you are the main author	API Score
1						
2						

**B. (iii) Books published as single author or as editor**

S.No.	Title with page no.	Type of Book & Authorship	Publisher ISSN / ISBN No.	Whether peer reviewed	No. of Co author and date of publications	Whether you are the main author	API Score
1							
2							

**C ( i & ii) Ongoing Research projects and consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	API Score

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**C (iii & iv) Completed Projects and Consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	Whether Policy Documents / Patent as outcome	API Score

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
M.Phil or Equivalent				
Ph.D or Equivalent				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score

**E (ii) Papers presented in Conferences, Seminars, Workshops, Symposia**

S.No	Title of the paper presented	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State/Regional / University or college Level	API Score

**E (iii) Invited Lectures and Chairmanships at National or international Conference / Seminars**

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State	API Score

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I	Teaching, Learning and Evaluation related activities			
II	Co-curricular, Extension, professional development etc.,			
	<b>Total I + II</b>		<b>10</b>	
III	Research and Academic Contribution			



## ACADEMIC PERFORMANCE INDICATORS

## CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	course/paper	Level	Mode of Teaching*	Hours per week allotted	% of classes taken as per documented record
1	Engineering Drawing/ Engineering Graphics	UG	Chalk&Talk	6	100
2	Industrial materials	UG	Lecture, Videos, PPTs	4	100
3	Basics of thermodynamics	UG	Lectures &PPT	5	100
4	Simulation lab	UG	Lectures &practical's	3	
5	Metrology	UG	Lecture, Videos, PPTs	5	100
6	CAD/CAM	UG	Lecture, Videos, PPTs	6	100
7	Production Technology	UG	Lecture, Videos, PPTs	6	100
8	Metallurgy and Material Science	UG	Lecture, Videos, PPTs	6	100

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)



		<b>API Score</b>
<b>(a)</b>	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
<b>(b)</b>	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1.	ENGINEERING GRAPHICS/Engineering Drawing	i)Engineering drawing by N.D Bhatt ii)engineering drawing by KL Narayana, P Kannaiah iii)	i)Engineering drawing by N.D Bhatt ii)engineering drawing by KL Narayana	Lecture materials, Videos, PPT's
2	Industrial materials	i)Nano material /A.K. Bandyopadhyay/New age Publishers ii)Engineering Mechanics of Composite Materials / Isaac and M Daniel/Oxford University Press iii)Online Resource material& journals. iv)NPTEL	i)Engineering Material Technology, 5th edition, by James A. Jacobs & Thomas F. Kilduff. Prentice Hall. Copyright 2005. ii)Nano material /A.K. Bandyopadhyay/New age Publishers iii)Material science and Technology: A comprehensive treatment/Robert W.Cahn,/VCH iv)Engineering Mechanics of Composite Materials / Isaac and M Daniel/Oxford University Press v)Gibson R.F. Principles of Composite Material Mechanics, second edition, McGraw Hill, 1994	Lecture materials, Videos, PPT's
3	Basics of thermodynamics	i)Engineering thermodynamics by	i)Engineering thermodynamics by	Lecture materials, Videos, PPT's

		P.K.Nag,McGraw Hill Education  ii)Thermal engineering by RK Rajput iii)NPTEL iv)Thermal engineering by RSkhurmi,jkguptha	P.K.NagMcGraw Hill Education  ii)thermal engineering by r.k Rajput iii)Thermal engineering by rskhurmi,jkguptha	
4	Simulation lab			Lab manual
5	Metrology	i)engineering metrology textbook by Mahajan, Dhanpat Rai &co publishers ii)engineering metrology by r.k.jain, Khanna publishers iii)NPTEL	i)engineering metrology textbook by Mahajan, Dhanpat Rai &co publishers ii)engineering metrology by r.k.jain, Khanna publishers	Lecture materials, Videos, PPT's
6	CAD/CAM	i)CAD/CAM by M P Groover, E Zimmers,Pearson publishers ii)CAD/CAM by P N Rao	i)CAD/CAM by M P Groover,Ezimmers, pearson publishers ii)CAD/CAM by P N Rao iii)CAD/CAM theory and practice by ibrahimzeid, R.sivasubramanian Mc Grawhill publishers	Lecture materials, Videos, PPT's
7	Production Technology	i)Production technology by PC Sharma ii) production technology by RK Jain iii) Manufacturing technology by PN Rao iv)NPTEL	i)Production technology by PC Sharma ii) production technology by RK Jain iii) Manufacturing technology by PN Rao	Lecture materials, Videos, PPT's

8	Metallurgy and Material Science	<p>1. V.D.Kotgire, S.V.Kotgire, Material Science and Metallurgy, Everest Publishing House, 24thEdition,2008.</p> <p>2. Sidney H. Avener, Introduction to Physical Metallurgy, Tata McGraw-Hill, 3rdEdition,2011.</p> <p>3. William and callister, Materials Science and engineering, Wiley India private Ltd.,2011.</p>	<p>1. V.D.Kotgire, S.V.Kotgire, Material Science and Metallurgy, Everest Publishing House, 24thEdition,2008.</p> <p>2. Sidney H. Avener, Introduction to Physical Metallurgy, Tata McGraw-Hill, 3rdEdition,2011.</p> <p>3. William and callister, Materials Science and engineering, Wiley India privateLtd.,2011.</p>	Lecture materials, Videos, PPT's
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				<b>API Score</b>

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

S.No	Short Description	API Score

	<b>Total Score (Max. Score : 20)</b>	
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iv) Examination Duties Assigned and Performed

<b>S.No</b>	<b>Type of Examination Duties</b>	<b>Duties Assigned</b>	<b>Extent to which carried out (%)</b>	<b>API Score</b>
1	Internal Examinations	Invigilator	100	5
2	Semester End exam invigilator	Invigilator	100	10
3	University External Examinations	Spot Valuation	100	10
	Total Score (Max.25)			25

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

<b>S.No.</b>	<b>Type of Activity</b>	<b>Average Hrs./Week</b>	<b>API Score</b>
	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
1.	Department Library incharge		
2	Department T&P cell in charge		

	<b>Total (Max. 20)</b>		
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
	<b>Total (Max. 15)</b>		
	<b>(iii) Professional Development Activities</b>		
	<b>Total (Max. 15)</b>		
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

<b>S.No.</b>	<b>Title with page no.</b>	<b>Journal</b>	<b>ISSN / ISBN No.</b>	<b>Whether peer reviewed. Impact factor, if any</b>	<b>No. of Coauthors</b>	<b>Whether you are the main author</b>	<b>API Score</b>
1	Computer Aided design, analysis&manufacturing aspects of Brazed cold plate	IJRSI	2321-2705		1.Dr.L.Vinodbabu (Professor,Jntuk)  2.Mr.M.Uma Ravindra(SC-	yes	

					B,DRDO)		
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**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							
3							
4							
5							

**B (ii) Full papers in Conference Proceedings**

S.No.	Title with page no.	Details of conference Publications	ISSN / ISBN No.	No. of Co-authors and date of publication	Whether you are the main author	API Score
1						
2						
3						
4						
5						

**B. (iii) Books published as single author or as editor**

S.No.	Title with page no.	Type of Book & Authorship	Publisher ISSN / ISBN No.	Whether peer reviewed	No. of Co author and date of publications	Whether you are the main author	API Score
1							
2							
3							
4							
5							

**C ( i& ii) Ongoing Research projects and consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	API Score

**C ( iii& iv) Completed Projects and Consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	Whether Policy Documents / Patent as outcome	API Score

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
<b>M.Phil or Equivalent</b>				
<b>Ph.D or Equivalent</b>				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1	FDP on Enhancing teaching skills	2days	I.Q.A.C, NRIIT Agiripalli, Vijayawada	
2	Training Programme-Instructional design and delivery system	3days	Govt of INDIA, MHRD, CHENNAI	
3	TALE	4weeks	NPTEL ONLINE	

			Certification	
4	Workshop On Outcome Based Education	2days	NRIIT, Agiripalli,vijayawada	
5	NBA Awareness Program	2days	NRIIT, Agiripalli,vijayawada	
6	Product Development On 3d Experience	3days	VVIT,GUNTUR	
7	Effective Methods Of Teaching With Outcomes	2days	NRIIT, Agiripalli,Vijayawada	

**E (ii) Papers presented in Conferences, Seminars, Workshops, Symposia**

S.No	Title of the paper presented	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/National/State/Regional / University or college Level	API Score

**E (iii) Invited Lectures and Chairmanships at National or international Conference / Seminars**

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/National/State	API Score

**SUMMARY OF API SCORES**

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I	Teaching, Learning and Evaluation related activities			



<b>II</b>	<b>Co-curricular, Extension, professional development etc.,</b>			
	<b>Total I + II</b>			
<b>III</b>	<b>Research and Academic Contribution</b>			

# Guide lines and Instructions

## PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (APIs) IN RECRUITMENTS AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY / COLLEGE TEACHERS.

### CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 75. The self- assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

Universities will be required to detail the activities and in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

S.No.	Nature of Activity	Maximum Score
1	Lectures, seminars, tutorials, practicals, contact hours undertaken taken as percentage of lectures allocated	50
2	Lectures or other teaching duties in excess of the UGC norms	10
3	Preparation and Imparting of knowledge / instruction as per curriculum; syllabus enrichment by providing additional resources to students	20
4	Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc	20
5	Examination duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment.	25
	<b>Total Score</b>	<b>125</b>
	<b>Minimum API Score Required</b>	<b>75</b>

Note: Lectures and tutorials allocation to add up to the UGC norm for particular category of teacher. University may prescribe minimum cut-off (net of due leave), say 80 %, for 1 and 5 above, below which no scores may be assigned in these sub-categories.

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.**

**Brief Explanation:** Based on the teacher’s self-assessment, category II API scores are proposed for co-curricular and extension activities; and Professional development related contributions. The minimum API required by teachers for eligibility for promotion is 15. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities is broad enough for the minimum API score required (15) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee.

The model table below gives groups of activities and API scores. Universities may detail the activities or, in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

<b>S.No.</b>	<b>Nature of Activity</b>	<b>Maximum Score</b>
<b>1</b>	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC other channels, cultural activities, subject related events, advisement and counseling)	<b>20</b>
<b>2</b>	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities	<b>15</b>
<b>3</b>	Professional Development activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination and general articles, not covered in Category III below)	<b>15</b>
<b>4</b>	<b>Minimum API Score Required</b>	<b>15</b>

**CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for research and academic contributions. The minimum API score required by teachers from this category is different for different levels of promotion and between university and colleges. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee.

S.No.	API's	Engineering/Agriculture/ Veterinary Science/Sciences/Medical Science	Faculties of Languages Arts/Humanities/Social Sciences/Library/ Physical education/Management	Max. points for University and college teacher position
III A	Research Papers published in	Refereed Journals*	Referred Journals*	15/publication
		Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	Non –refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	10/publication
		Conference proceedings as full papers etc. (Abstracts not to be included)	Conference proceedings as full papers etc. (Abstracts not to be included)	10/publication
III B	Research Publications (books chapters in books, other than refereed journal articles	Text of Reference Books Published by International Publishers	Text or Reference Books Published by International Publishers with an established peer review system	50/sole author, 10/chapter in an edited book
		Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	25sole author and 5/ chapter in edited books
		Subject Books by other local publishers with ISBN/ISSN numbers.	Subject Books buy other local publishers with ISBN/ISSN numbers.	15/sole author, and 3/chapter in edited books
		Chapters contributed to edited knowledge based volumes published by International	Chapters contributed to edited knowledge based volumes published by International	10/ Chapter
		Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	5/Chapter
III (C)	<b>RESEARCH PROJECTS</b>			
III (C) i	Sponsored Projects carried out/ongoing	(a) Major Projects amount mobilized with grants above 30.0 lakhs	Major Projects amount mobilized with grants above 5.0 lakhs	20/ each Project
		(b) Major Projects amount mobilized with grants about 5.0 lakshs up to 30.0 lakshs	Major Projects amount mobilized with grants above 3.0 lakhs up to Rs. 5.00 lakhs	15/each Project

		(c) Minor Projects (Amount mobilized with grants about Rs. 50,000 up to Rs. 5 lakh)	Minor Projects (Amount mobilized with grants above Rs. 25,000 up to Rs. 3 lakh)	10/each Project
III (C) ii	Consultancy Projects	Amount mobilized with carried out /ongoing	Amount mobilized with Minimum of Rs. 10.00 lakh	10 per every Rs. 10.0 lakhs and Rs. 2.0 lakhs, respectively
III (C) iii	Completed projects : Quality Evaluation	Completed projects Report (Acceptance from funding agency)	Completed projects Report (Acceptance from funding agency)	20 /each major project and 10/each minor project
III (C) iv	Projects Outcome/Outputs	Patent /Technology transfer/Product/ Process	Major Policy document of Govt. Bodies at Central and Stage level	30/each national level output or patent /50/each for International level,
III (D)	<b>RESEARCH GUIDANCE</b>			
III (D) i	M.Phil	Degree awarded only	Degree awarded only	3/each candidate
III (D) ii	Ph.D	Degree awarded only	Degree awarded only	10/each candidate
		Thesis submitted	Thesis submitted	7/each candidate
III (E)	<b>TRANING COURSES AND CONFERENCE /SEMINOR /WORKSHOP PAPERS</b>			
III (E) i	Refresher courses, Methodology workshops, Training Teaching – Learning Evaluation Technology Programmers, Soft Skills development Programmers, Faculty Development Programmes (Max.30 points)	(a)Not less than two weeks duration	(b) Not less than two weeks duration	20/ each
		(b)One week duration	(b) One week duration	10/each
III (E) ii	Papers in Conferences /Seminars /workshops etc.,	Participation and Presentation or research papers (oral /poster) in	Participation and Presentation or research papers (oral /poster) in	
		a) International conference	a) International conference	10 each
		b) National conference	b) National	7.5/each
		c) Regional /State level	c)Regional /State level	5 each
		d)Local –University /College level	d) Local-University /College level	3/ each
III (E) iii	Invited lectures or presentations for conferences / symposia	(a) International	(a) International	10/each
		(b) National level	(b) National level	5

\*Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) indexed journals – by 5 points; (ii) papers with impact facto between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 25 points.

\*\* If a paper presented in Conference/Seminar is published in the form of Proceedings, the points would accrue for the publication (III (a)) and not under presentation (III (e)(ii)).

**Notes.**

1. It is incumbent on the Coordination Committee proposed in these Regulations and the University to prepare and publicize within six months subject-wise lists of journals, periodicals and publishers under categories IIIA and B. Till such time, screening/selection committees will assess and verify the categorization and scores of publications.
2. The API for joint publications will have to be calculated in the following manner: of the total score for the relevant category of publication by the concerned teacher, the first/Principal author and the corresponding author/supervisor/mentor of the teacher would share equally 60% of the total points

and the remaining 40% would be shared equally by all other authors.

## ACADEMIC PERFORMANCE INDICATORS

## CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1	THERMAL ENGINEERING-II	UG	CHALK & TALK	6 (L)	100
2	THERMAL ENGINEERING LAB	UG	CHALK & TALK	6 (L)	100
3	HEAT TRANSFER	UG	CHALK & TALK / EXPLANATION	6 (P)	100
4	HEAT TRANSFER LAB	UG	CHALK & TALK / EXPLANATION	6 (P)	100

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	50
(b)	Teaching Load in excess of UGC norm (max score :10)	-

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1.	B.TECH / THERMAL ENGINEERING - II	-	MAHESH M RATHORE R.K RAJPUT PK NAG	1.NPTEL 2.MATERIAL HARD COPY 3.JNTUK COEERD WEBSITE
2	B.TECH / THERMAL ENGINEERING LAB	-	EQUIPMENT MANUAL /	DEPARTMENT LAB MANUAL

			MAHESH M RATHORE	
3	B.TECH / HEAT TRANSFER	-	CENGEL D.S.KUMAR R.C SACHDEVA	1.NPTEL 2.MATERIAL HARD COPY 3.JNTUK COEERD WEBSITE
4	B.TECH / HEAT TRANSFER LAB	-	EQUIPMENT MANUAL / D.S KUMAR	DEPARTMENT LAB MANUAL
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				<b>API Score</b> <b>20</b>

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

S.No	Short Description	API Score
1	ANIMATIONS	8
2	PROTO MODELS	8
<b>Total Score (Max. Score : 20)</b>		<b>16</b>

iv) Examination Duties Assigned and Performed

S.No	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
1	MID EXAMINATIONS	INVIGILATION	100	8
2	FINAL EXAMINATIONS	INVIGILATION	100	8
3	EXTERNAL LAB EXAMINATIONS	INVIGILATION	100	8
<b>Total Score (Max.25)</b>				<b>24</b>

**CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT  
RELATED ACTIVITIES**

S.No.	Type of Activity	Average Hrs./Week	API Score
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	<b>(i) Extension, Co-curriculum &amp; Field based activities.</b>		
<b>1.</b>	<b>IE STUDENT CHAPTER, CO-ORDINATOR</b>	<b>2</b>	<b>10</b>
<b>2</b>	<b>CAREER GUIDANCE CELL, DEPARTMENT CO-ORDINATOR</b>	<b>1</b>	<b>10</b>
	<b>Total (Max. 20)</b>		<b>20</b>
	<b>(ii) Contribution to Corporate Life and Management of the Institution</b>	<b>Yearly/Semester wise responsibility</b>	<b>API Score</b>
	<b>STUDENT MONITORING</b>	<b>COUNSELLING</b>	<b>7.5</b>
	<b>DEPARTMENT EXAM CELL</b>	<b>INCHARGE</b>	<b>7.5</b>
	<b>Total (Max. 15)</b>		<b>15</b>
	<b>(iii) Professional Development Activities</b>		
	<b>STUDENT CHAPTER</b>	<b>CO-ORDINATOR</b>	<b>7</b>
	<b>Total (Max. 15)</b>		<b>7</b>
	<b>Total Score ( i + ii + iii) (Max. 25)</b>		<b>42</b>

**CATEGORY III: (Research, Publications & Academic Contributions)**

**Note: Please read the instructions given at the end of Proforma for calculating API Score in each category.**

**(A) Published Papers in Journals**

<b>S.No.</b>	<b>Title with page no.</b>	<b>Journal</b>	<b>ISSN / ISBN No.</b>	<b>Whether peer reviewed. Impact factor, if any</b>	<b>No. of Coauthors</b>	<b>Whether you are the main author</b>	<b>API Score</b>
<b>1</b>	<b>Performance Test on Diesel Engine by Pre-Heating the inlet air using heat recovery from Exhaust gases</b>	<b>IJIRT</b>	<b>2349-6002</b>	<b>Peer reviewed</b>	<b>2</b>	<b>Yes</b>	<b>6</b>
<b>2</b>							

3							
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**B (i) Articles / Chapters published in Books**

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1							
2							

**B (ii) Full papers in Conference Proceedings**

S.No.	Title with page no.	Details of conference Publications	ISSN / ISBN No.	No. of Co-authors and date of publication	Whether you are the main author	API Score
1						
2						

**B. (iii) Books published as single author or as editor**

S.No.	Title with page no.	Type of Book & Authorship	Publisher ISSN / ISBN No.	Whether peer reviewed	No. of Co author and date of publications	Whether you are the main author	API Score
1							
2							

**C (i & ii) Ongoing Research projects and consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	API Score

**C (iii & iv) Completed Projects and Consultancies**

S.No	Title	Agency	Period	Grant/Amount Mobilized (Rs Lakhs)	Whether Policy Documents / Patent as outcome	API Score

**(D) Research Guidance**

S.No	Number Enrolled	Thesis Submitted	Degree Awarded	API Score
<b>M.Phil or Equivalent</b>				
<b>Ph.D or Equivalent</b>				

**E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes**

S.No	Programme	Duration	Organized by	API Score
1	QUALITY IMPROVEMEN PROGRAMEE	4 DAYS	NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING RESEARCH	5
2	FDP ON ENHANCING TEACHING SKILLS	2 DAYS	I.Q.A.C, NRI INSTITUTE OF TECHNOLOGY	3
3	NPTEL ONLINE CERTIFICATION	12 WEEKS	IIT KHARAGPUR	20
4	ADVANCES IN CFD	1 WEEK	NIT WARANGAL	10
				38

**E (ii) Papers presented in Conferences, Seminars, Workshops, Symposia**

S.No	Title of the paper presented	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State/Regional / University or college Level	API Score

**E (iii) Invited Lectures and Chairmanships at National or international Conference / Seminars**

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State	API Score

**SUMMARY OF API SCORES**

<b>S.No</b>	<b>Criteria</b>	<b>Last Academic Year</b>	<b>Total – API Score for Assessment period</b>	<b>Annual Av. API Assessment period</b>
<b>I</b>	<b>Teaching, Learning and Evaluation related activities</b>	<b>97</b>	<b>110</b>	<b>103.5</b>
<b>II</b>	<b>Co-curricular, Extension, professional development etc.,</b>	<b>20</b>	<b>42</b>	<b>31</b>
	<b>Total I + II</b>	<b>117</b>	<b>152</b>	<b>134.5</b>
<b>III</b>	<b>Research and Academic Contribution</b>	<b>28</b>	<b>44</b>	<b>36</b>

# Guide lines and Instructions

## PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (APIs) IN RECRUITMENTS AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF UNIVERSITY / COLLEGE TEACHERS.

### CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 75. The self- assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/selection committee.

Universities will be required to detail the activities and in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

S.No.	Nature of Activity	Maximum Score
1	Lectures, seminars, tutorials, practicals, contact hours undertaken taken as percentage of lectures allocated	50
2	Lectures or other teaching duties in excess of the UGC norms	10
3	Preparation and Imparting of knowledge / instruction as per curriculum; syllabus enrichment by providing additional resources to students	20
4	Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc	20
5	Examination duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment.	25
	<b>Total Score</b>	<b>125</b>
	<b>Minimum API Score Required</b>	<b>75</b>

Note: Lectures and tutorials allocation to add up to the UGC norm for particular category of teacher. University may prescribe minimum cut-off (net of due leave), say 80 %, for 1 and 5 above, below which no scores may be assigned in these sub-categories.

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.**

**Brief Explanation:** Based on the teacher's self-assessment, category II API scores are proposed for co-curricular and extension activities; and Professional development related contributions. The minimum API required by teachers for eligibility for promotion is 15. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a number of items, whereas some activities will be carried out only by one or a few teachers. The list of activities is broad enough for the minimum API score required (15) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee.

The model table below gives groups of activities and API scores. Universities may detail the activities or, in case institutional specificities require, adjust the weightages, without changing the minimum total API scores required under this category.

<b>S.No.</b>	<b>Nature of Activity</b>	<b>Maximum Score</b>
<b>1</b>	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC other channels, cultural activities, subject related events, advisement and counseling)	<b>20</b>
<b>2</b>	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities	<b>15</b>
<b>3</b>	Professional Development activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination and general articles, not covered in Category III below)	<b>15</b>
<b>4</b>	<b>Minimum API Score Required</b>	<b>15</b>

**CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS**

**Brief Explanation:** Based on the teacher's self-assessment, API scores are proposed for research and academic contributions. The minimum API score required by teachers from this category is different for different levels of promotion and between university and colleges. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/selection committee.

S.No.	API's	Engineering/Agriculture/ Veterinary Science/Sciences/Medical Science	Faculties of Languages Arts/Humanities/Social Sciences/Library/ Physical education/Management	Max. points for University and college teacher position
III A	Research Papers published in	Refereed Journals*	Referred Journals*	15/publication
		Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	Non –refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers	10/publication
		Conference proceedings as full papers etc. (Abstracts not to be included)	Conference proceedings as full papers etc. (Abstracts not to be included)	10/publication
III B	Research Publications (books chapters in books, other than refereed journal articles	Text of Reference Books Published by International Publishers	Text or Reference Books Published by International Publishers with an established peer review system	50/sole author, 10/chapter in an edited book
		Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	Subjects Books by national level publishers /State and Central Govt., Publications with ISBN/ISSN numbers	25sole author and 5/ chapter in edited books
		Subject Books by other local publishers with ISBN/ISSN numbers.	Subject Books buy other local publishers with ISBN/ISSN numbers.	15/sole author, and 3/chapter in edited books
		Chapters contributed to edited knowledge based volumes published by International	Chapters contributed to edited knowledge based volumes published by International	10/ Chapter
		Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	Chapters in knowledge based volumes by Indian /National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	5/Chapter
III (C)	<b>RESEARCH PROJECTS</b>			
III (C) i	Sponsored Projects carried out/ongoing	(a) Major Projects amount mobilized with grants above 30.0 lakhs	Major Projects amount mobilized with grants above 5.0 lakhs	20/ each Project
		(b) Major Projects amount mobilized with grants about 5.0 lakshs up to 30.0 lakshs	Major Projects amount mobilized with grants above 3.0 lakhs up to Rs. 5.00 lakhs	15/each Project

		(c) Minor Projects (Amount mobilized with grants about Rs. 50,000 up to Rs. 5 lakh)	Minor Projects (Amount mobilized with grants above Rs. 25,000 up to Rs. 3 lakh)	10/each Project
III (C) ii	Consultancy Projects	Amount mobilized with carried out /ongoing	Amount mobilized with Minimum of Rs. 10.00 lakh	10 per every Rs. 10.0 lakhs and Rs. 2.0 lakhs, respectively
III (C) iii	Completed projects : Quality Evaluation	Completed projects Report (Acceptance from funding agency)	Completed projects Report (Acceptance from funding agency)	20 /each major project and 10/each minor project
III (C) iv	Projects Outcome/Outputs	Patent /Technology transfer/Product/ Process	Major Policy document of Govt. Bodies at Central and Stage level	30/each national level output or patent /50/each for International level,
III (D)	<b>RESEARCH GUIDANCE</b>			
III (D) i	M.Phil	Degree awarded only	Degree awarded only	3/each candidate
III (D) ii	Ph.D	Degree awarded only	Degree awarded only	10/each candidate
		Thesis submitted	Thesis submitted	7/each candidate
III (E)	<b>TRAINING COURSES AND CONFERENCE /SEMINAR /WORKSHOP PAPERS</b>			
III (E) i	Refresher courses, Methodology workshops, Training Teaching – Learning Evaluation Technology Programmers, Soft Skills development Programmers, Faculty Development Programmes (Max.30 points)	(a)Not less than two weeks duration	(b) Not less than two weeks duration	20/ each
		(b)One week duration	(b) One week duration	10/each
III (E) ii	Papers in Conferences /Seminars /workshops etc.,	Participation and Presentation or research papers (oral /poster) in	Participation and Presentation or research papers (oral /poster) in	
		a) International conference	a) International conference	10 each
		b) National conference	b) National	7.5/each
		c) Regional /State level	c)Regional /State level	5 each
		d)Local –University /College level	d) Local-University /College level	3/ each
III (E) iii	Invited lectures or presentations for conferences / symposia	(a) International	(a) International	10/each
		(b) National level	(b) National level	5

\*Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) indexed journals – by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 25 points.

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1. It is incumbent on the Coordination Committee proposed in these Regulations and the University to prepare and publicize within six months subject-wise lists of journals, periodicals and publishers under categories IIIA and B. Till such time, screening/selection committees will assess and verify the categorization and scores of publications.
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